



MUZARABANI RDC LEGALLY COMPLIANT MASTER PLAN

2024- 2039

ANNEXES



(the Mavhuradonha Mountains)

Prepared by P. Potera (May 2024)

Lead Planner

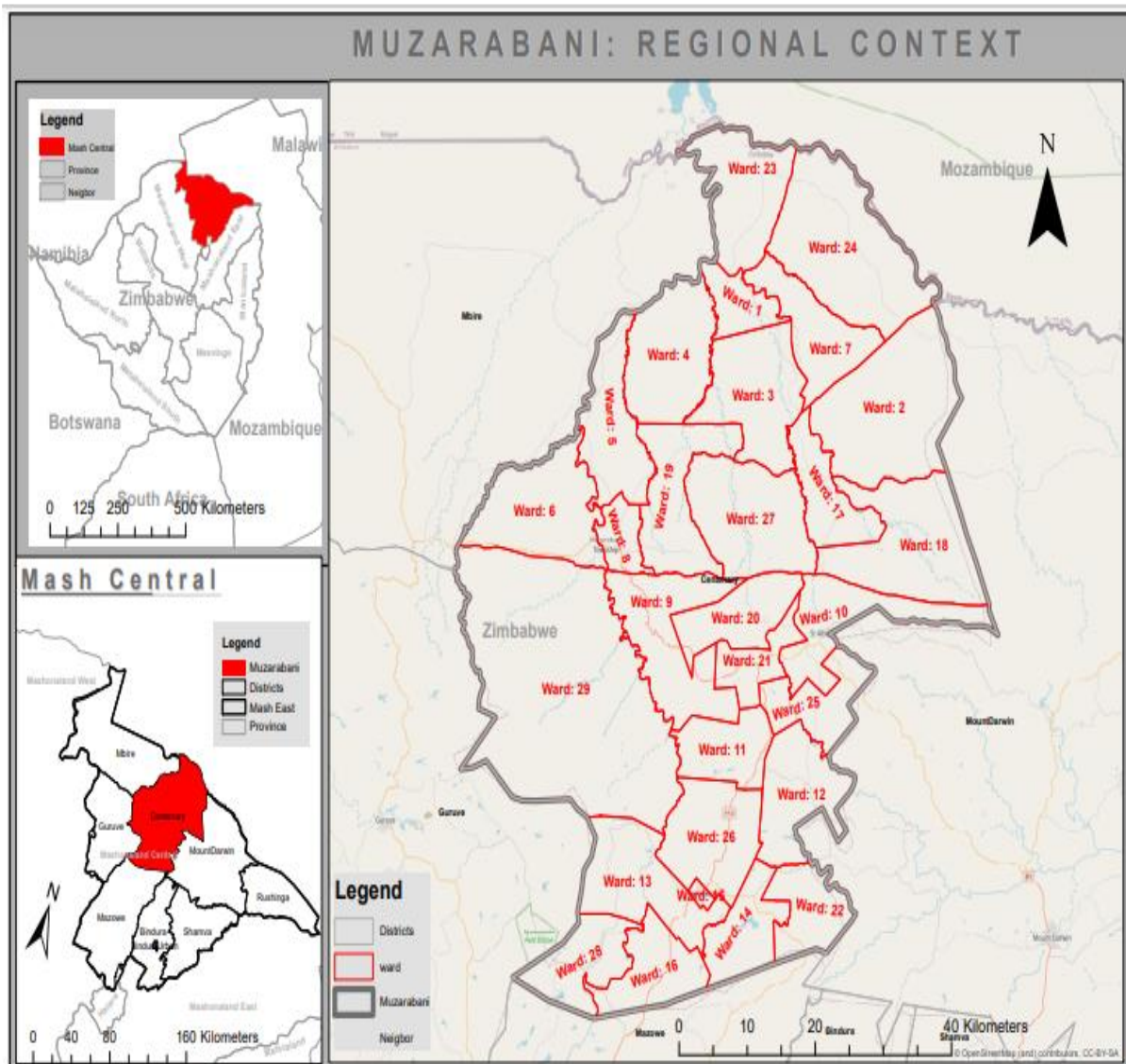


Figure 1 Muzarabani District Regional Context

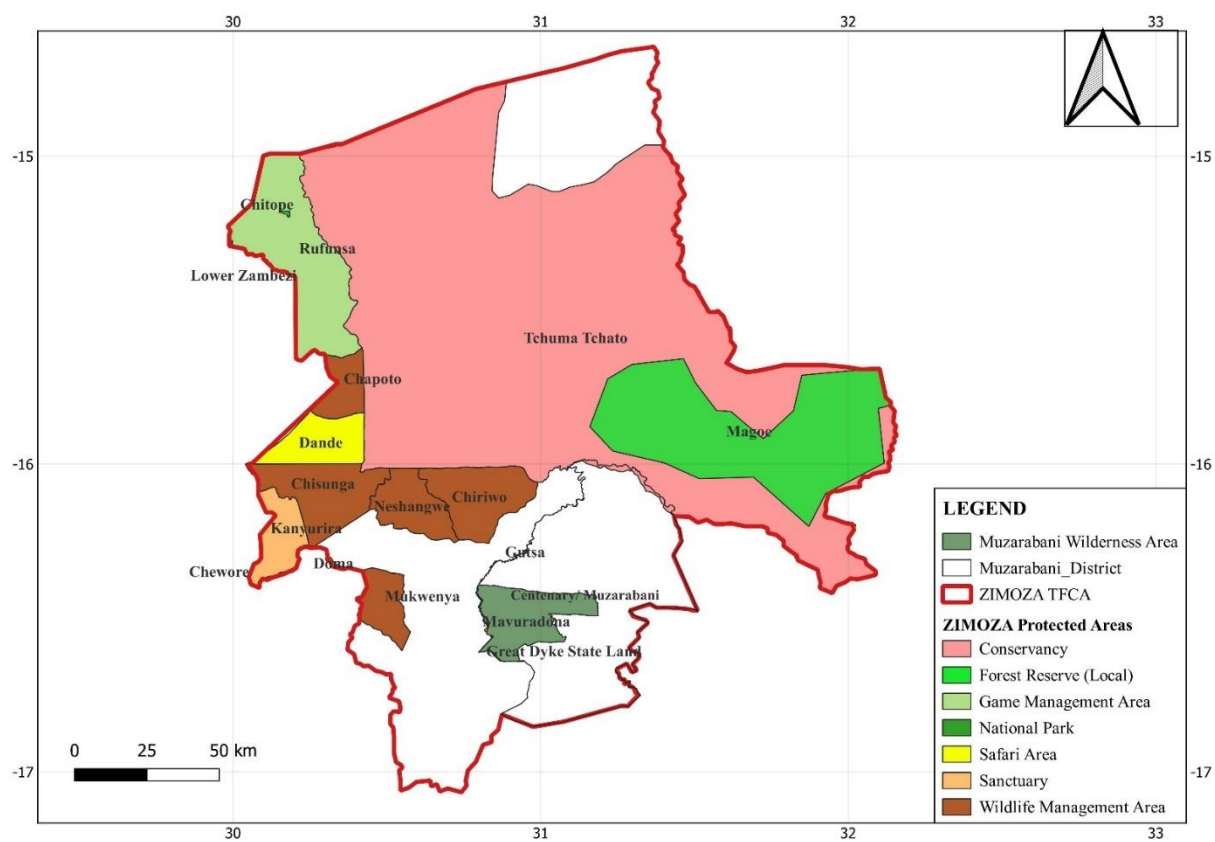
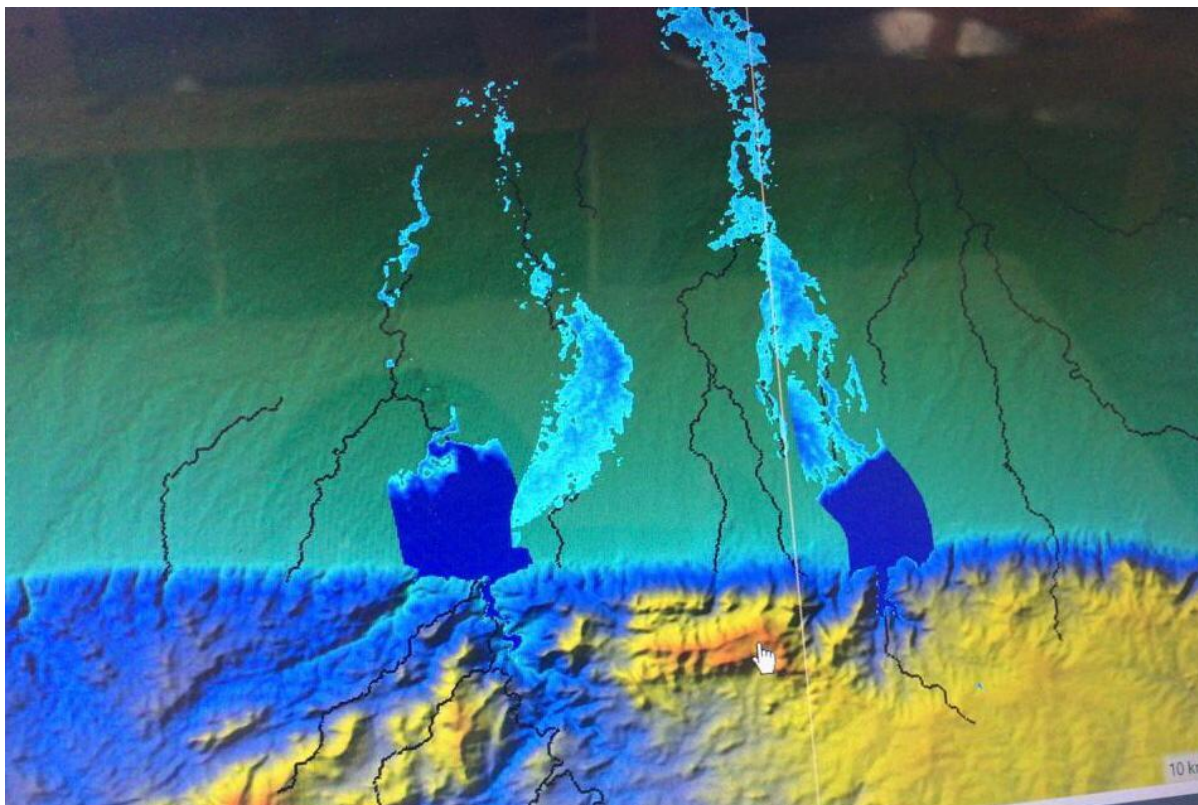


Figure 2 ZIMOZA (Zimbabwe Mozambique Zambia Transfrontier Boundary)



Map 3 Flood Inundation



Figure 4a: Muzarabani Rural District location in the catchments

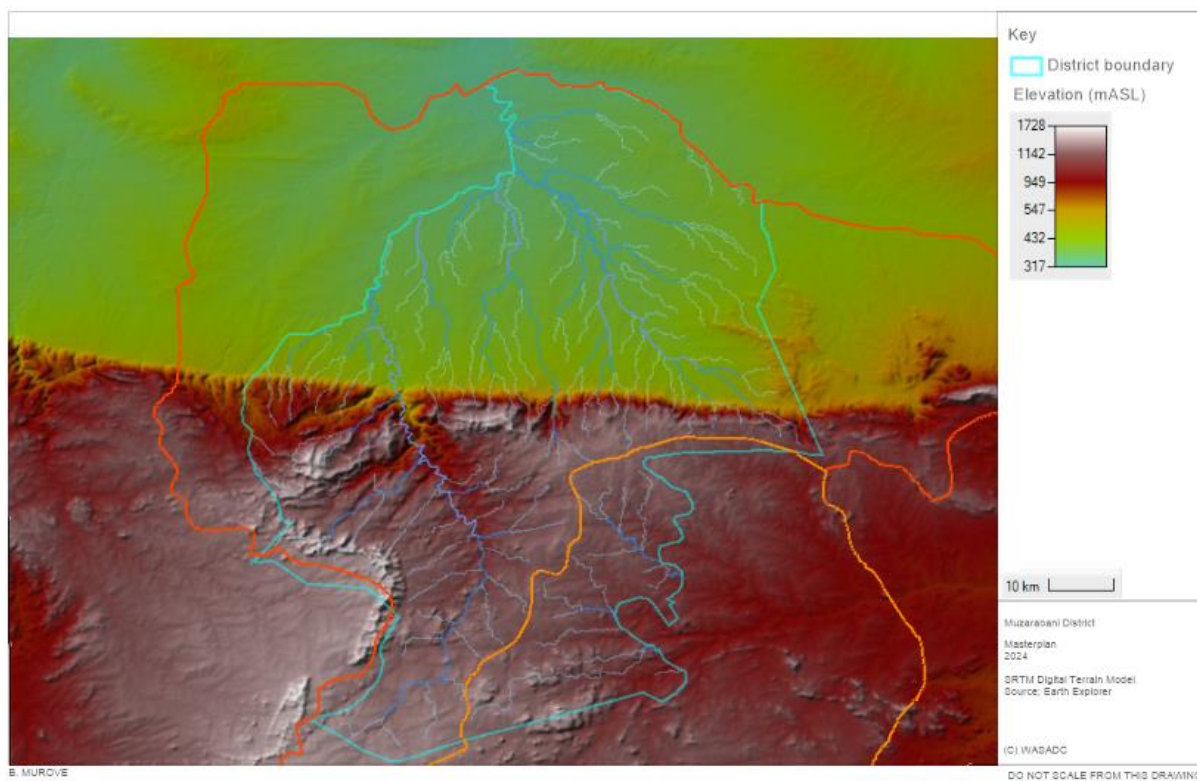


Figure 4b: Catchment and drainage analysis

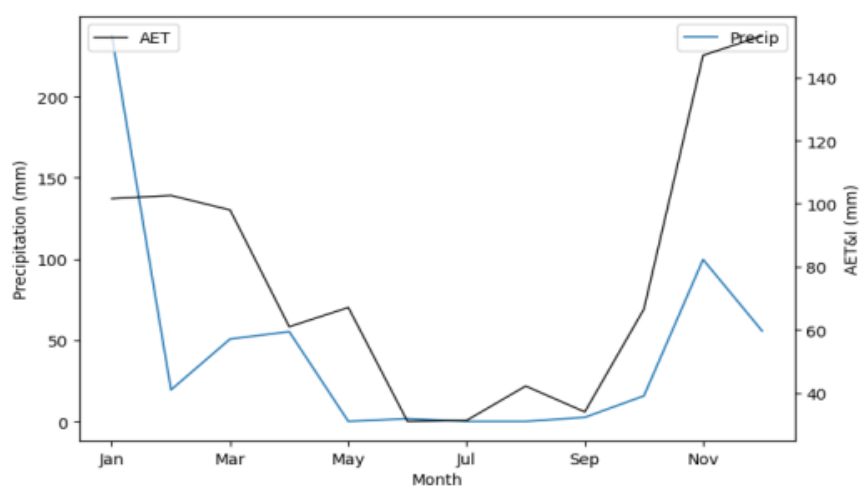


Figure 4c Precipitation and evapotranspiration

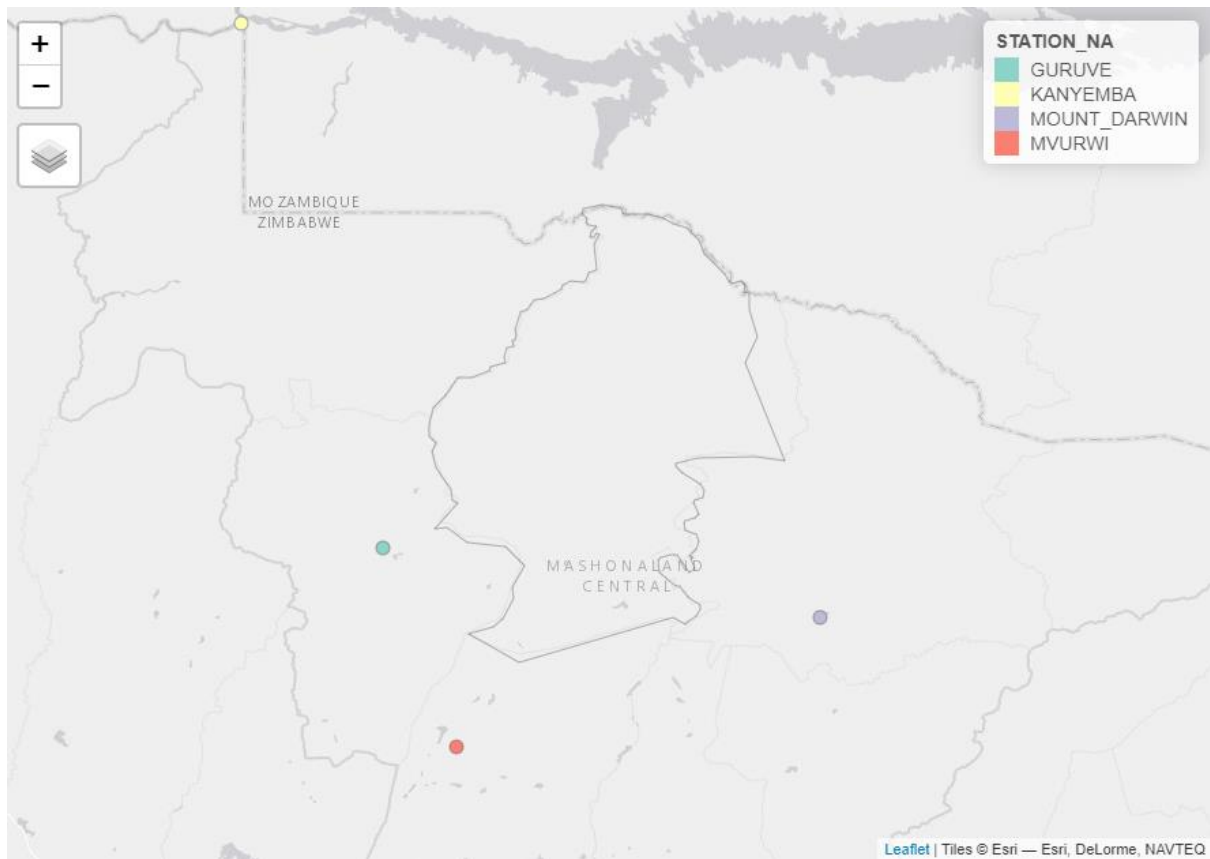


Figure 5a The location of the rain gauge stations is presented.

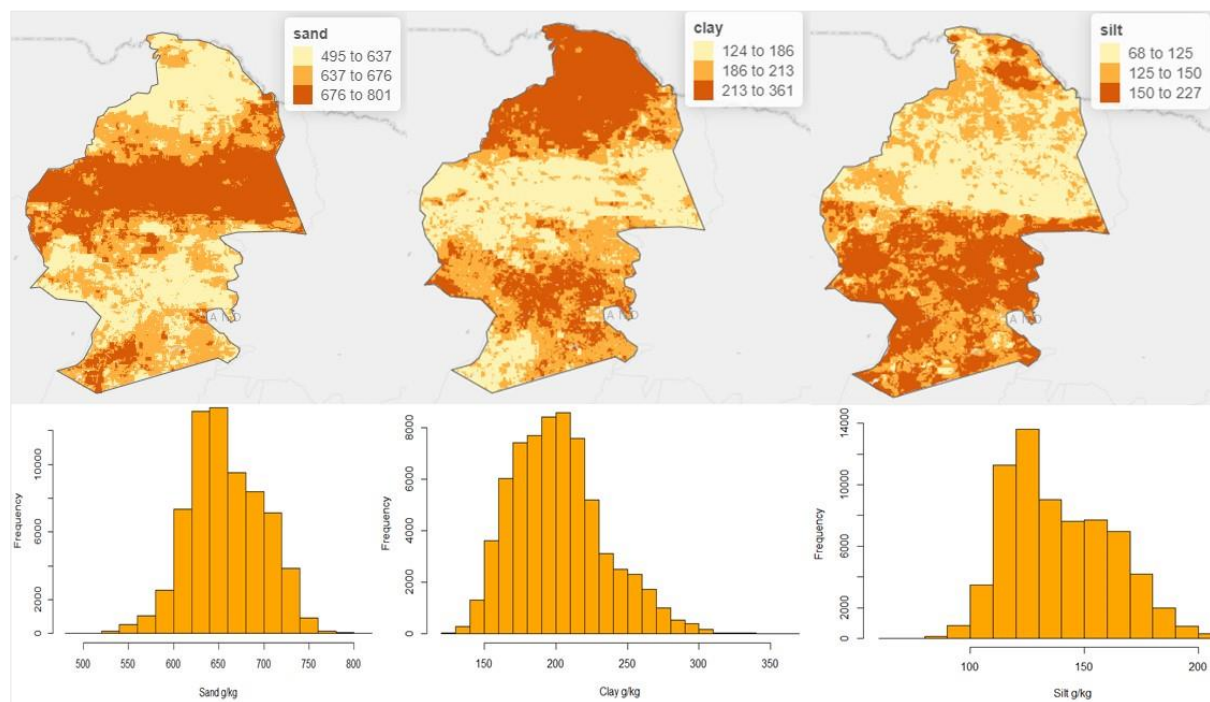


Figure 5b Soils in grams per kilogram

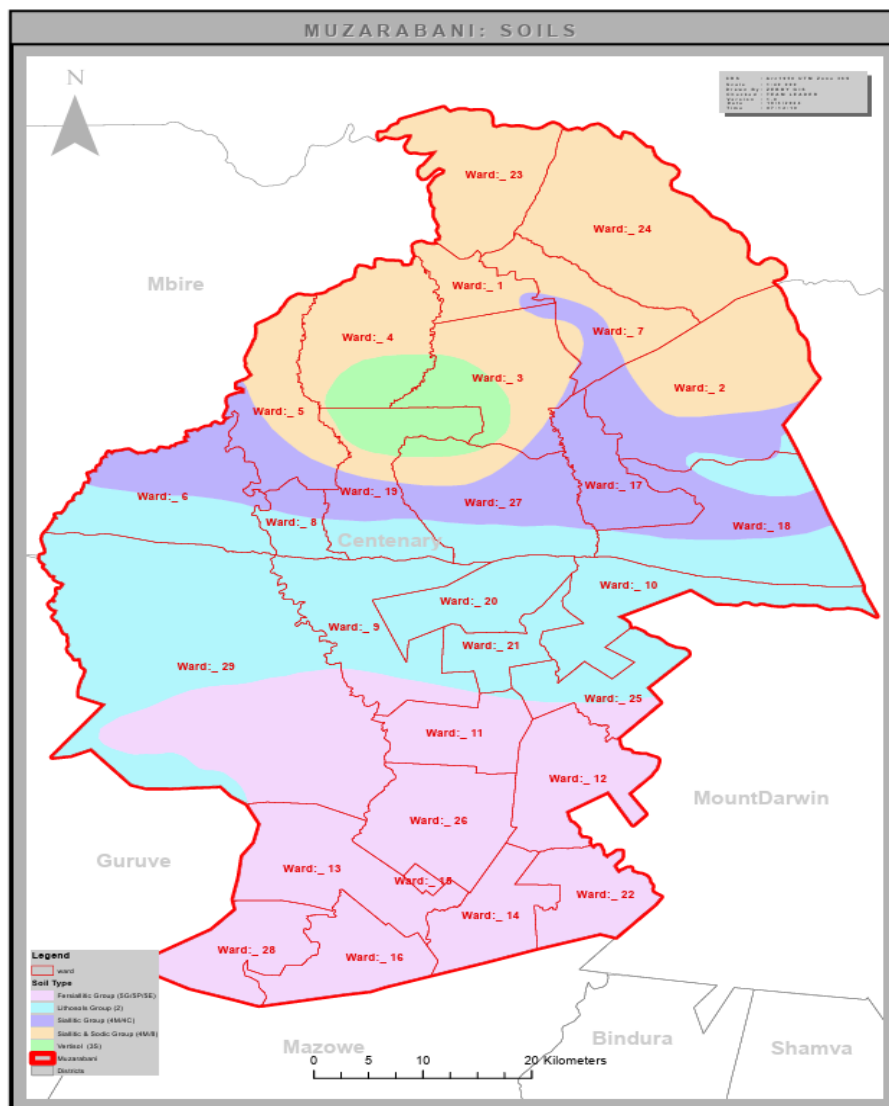


Figure 5c Muzarabani soils

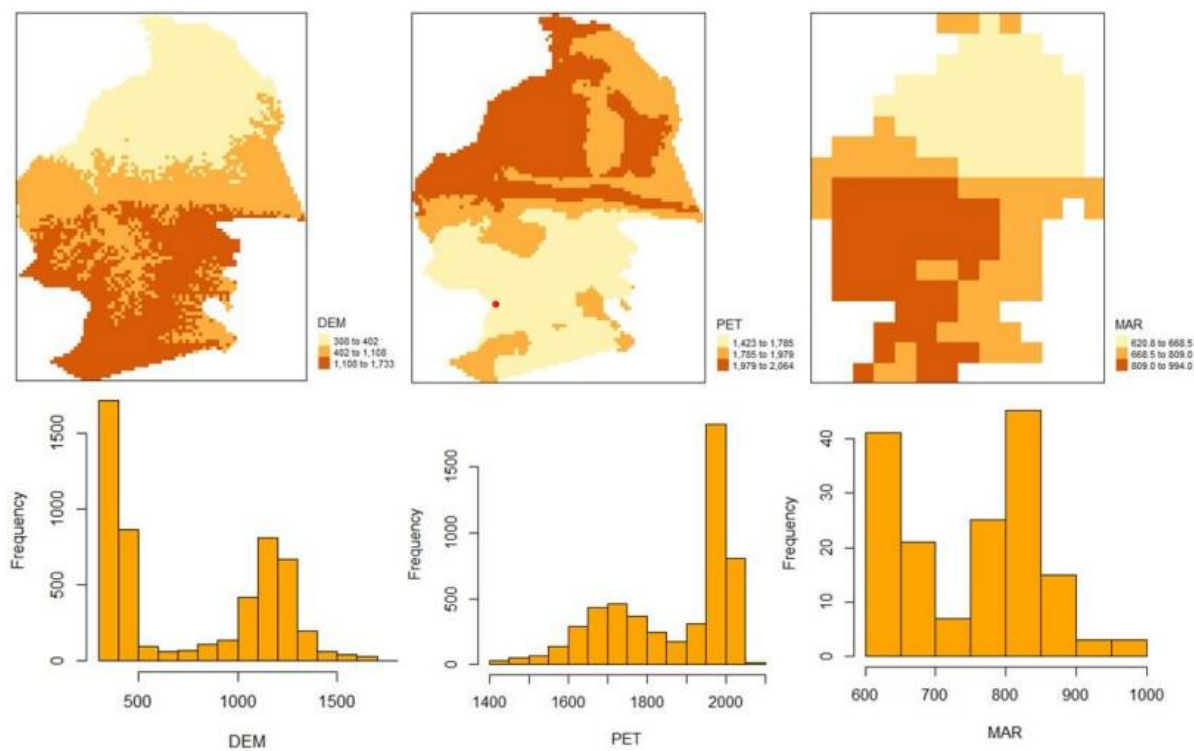


Figure 2.2.1: Elevation, Potential Evapotranspiration and Mean Annual Rainfall

Figure 5d Elevation, Potential Evapotranspiration, and Mean Annual Rainfall

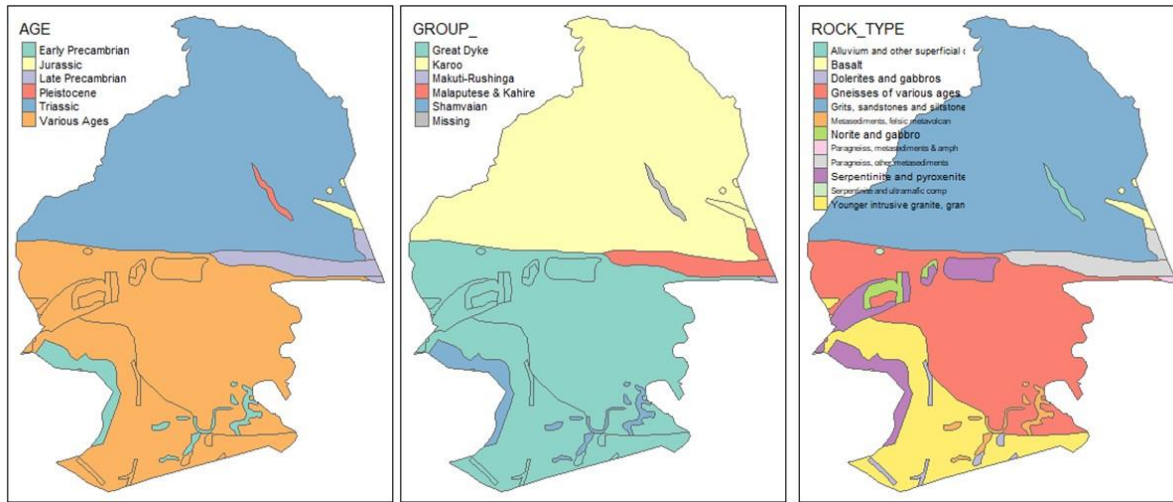


Figure 7: Schematic geological maps.

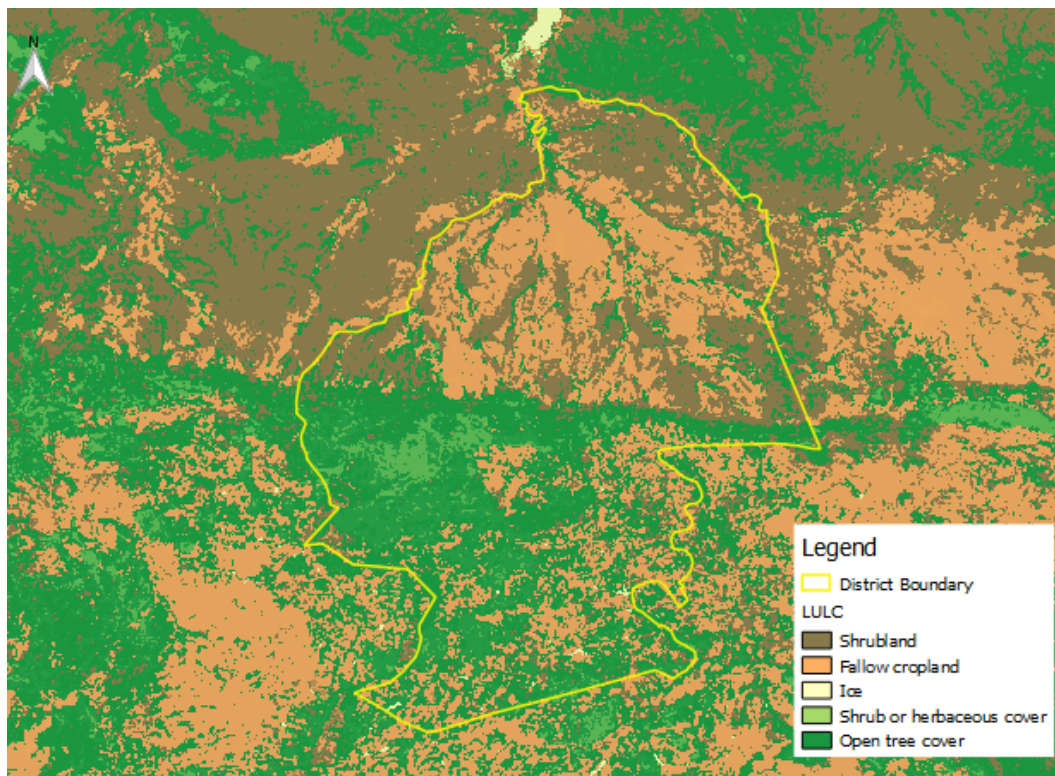


Figure 8: ESACC-LC Land-cover

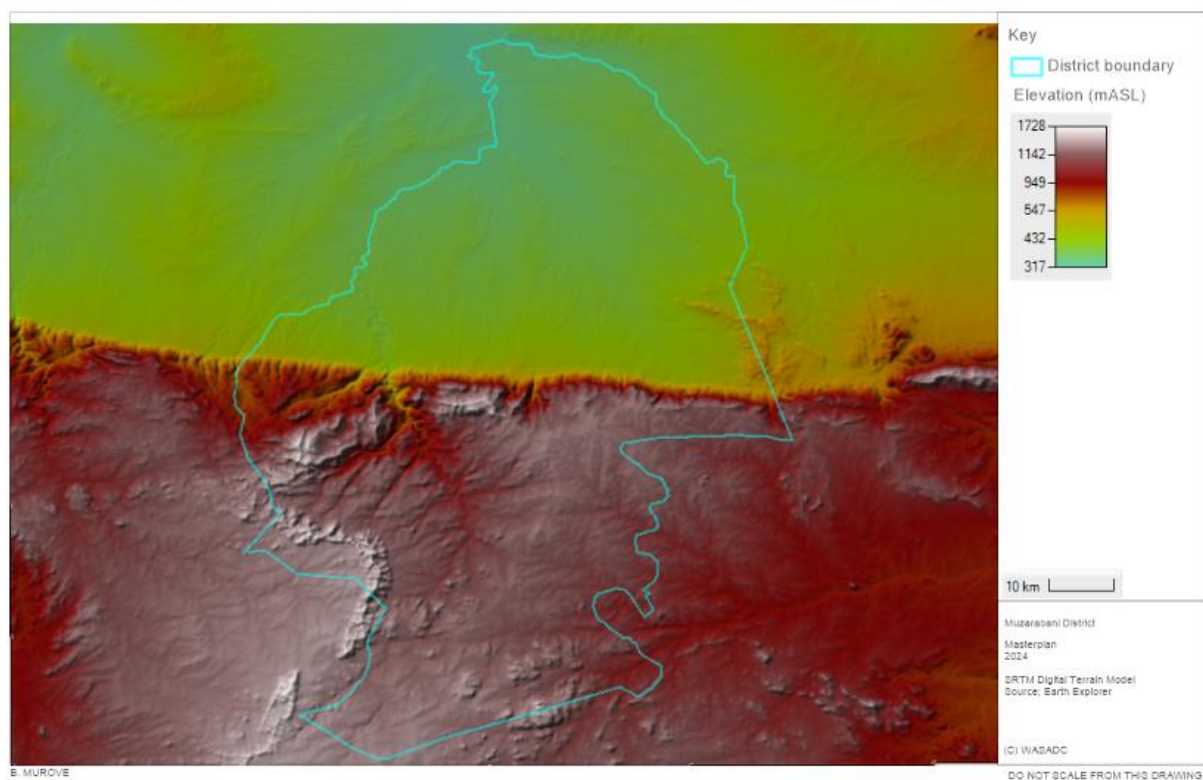


Figure 8: Topographic overview



Figure 9 above shows key topographical features in the area

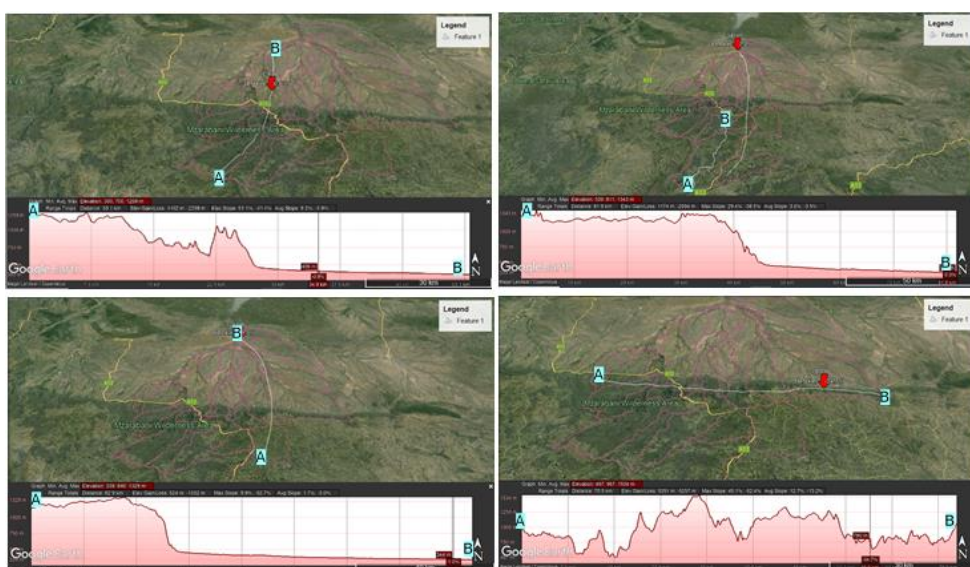


Figure 10: Sample of slopes in the district

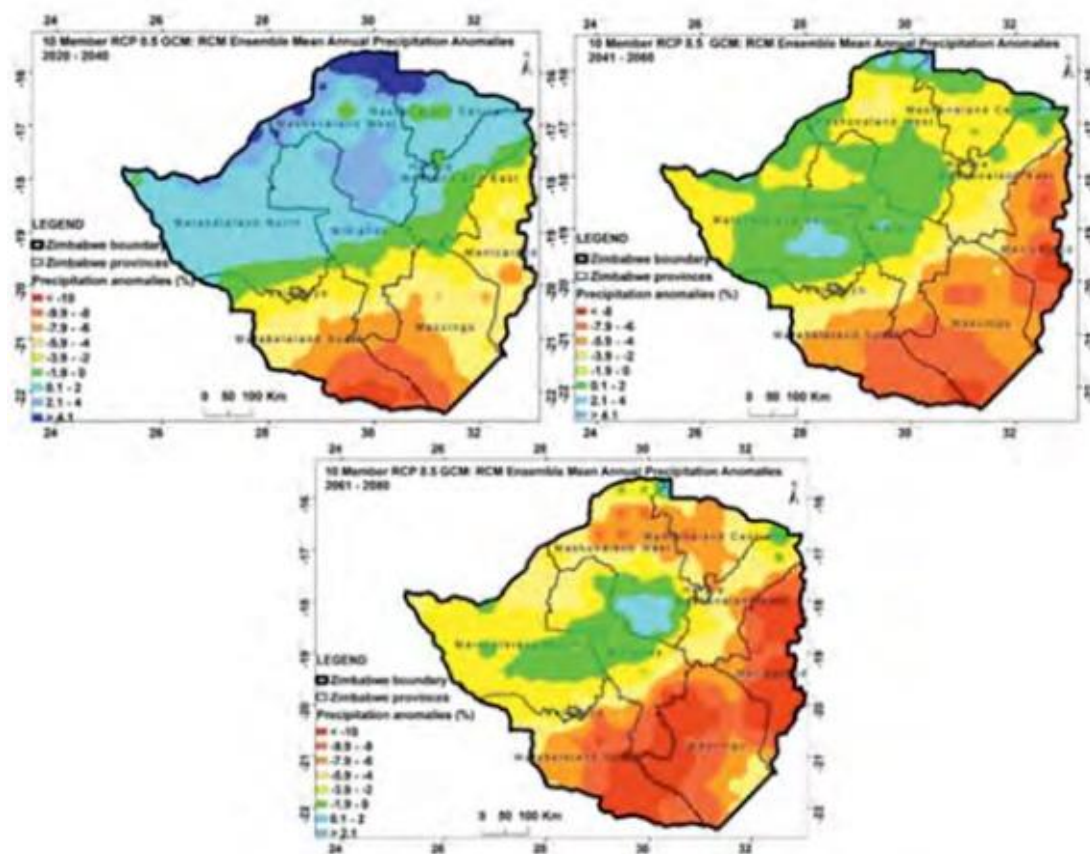


Figure 11: Projected rainfall for the three epochs 2020-2040 (a), 2041-2060 (b) and 2061-2080 (c).

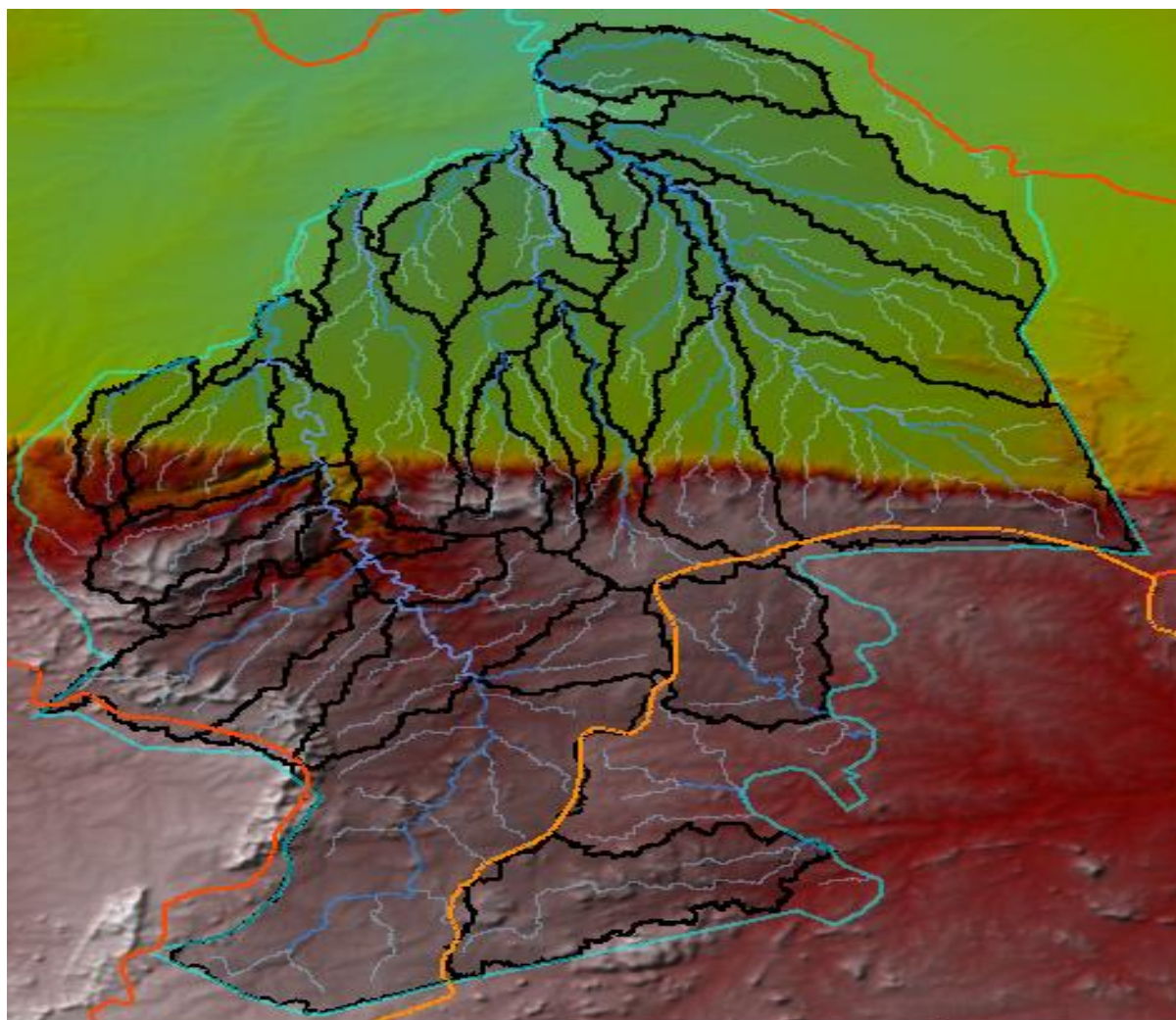


Figure 12a: Catchment delineation and flood inundation modelling

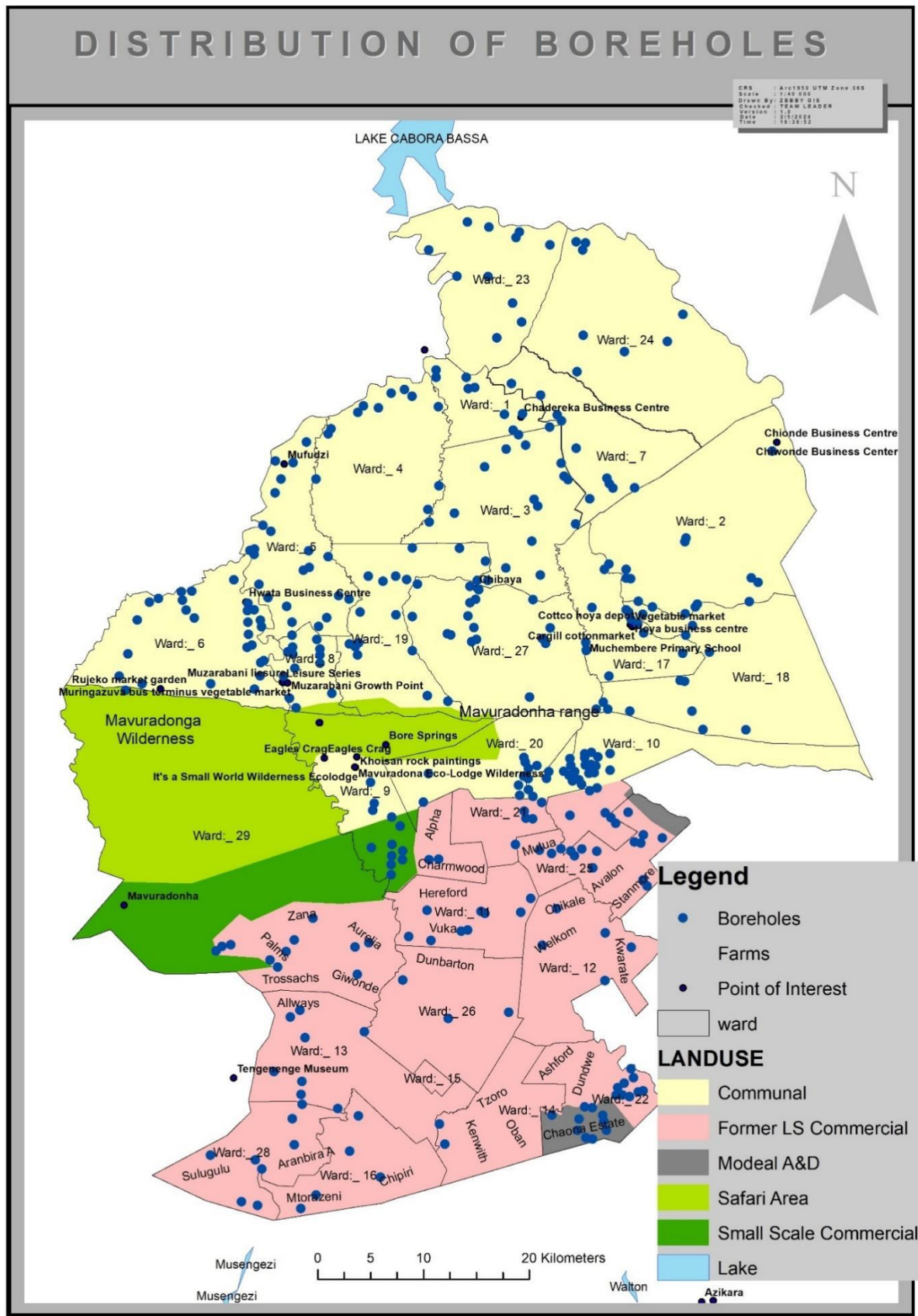


Figure 12b: Groundwater - Boreholes Distribution in the District

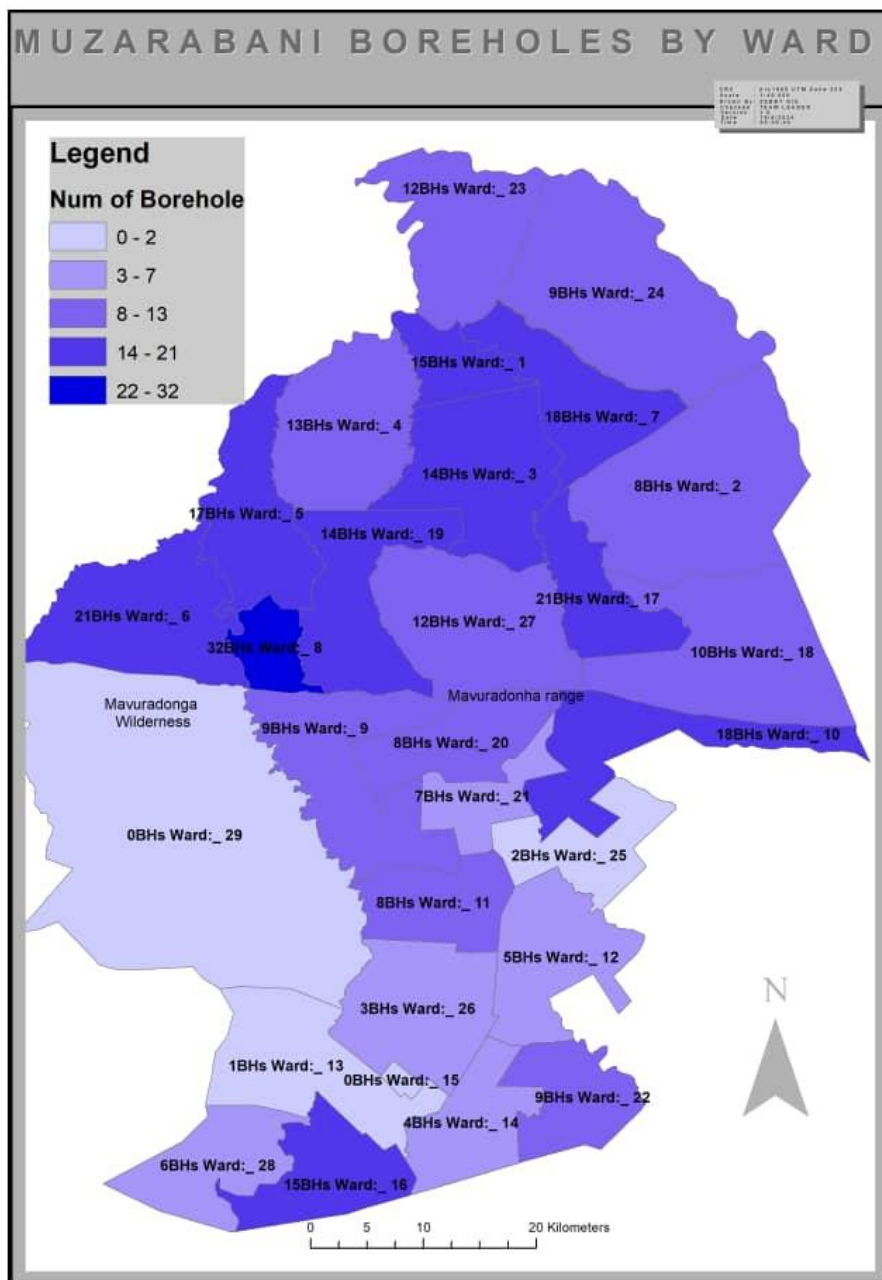


Figure 12c: Underground Water(Boreholes Distribution in the district)

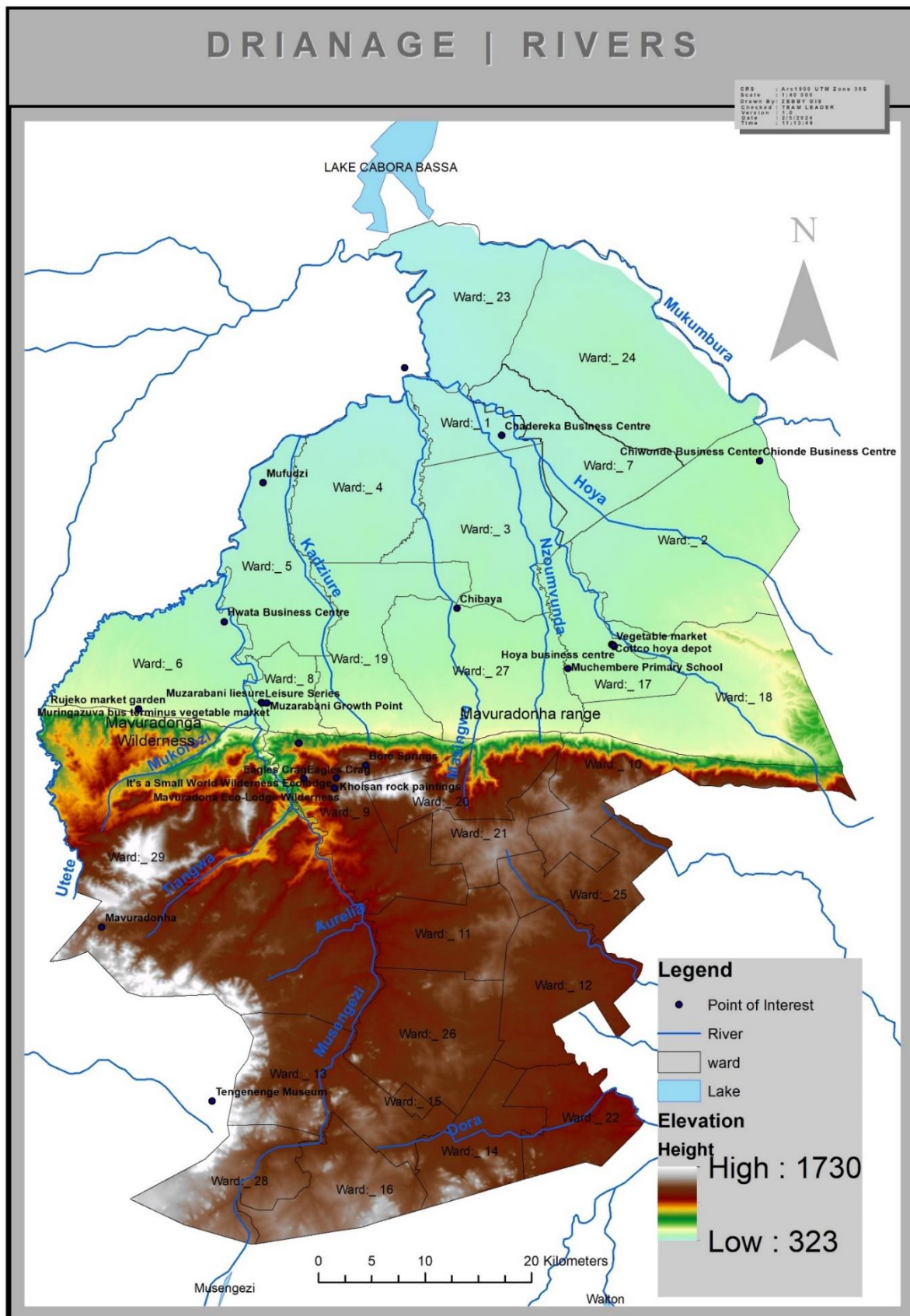
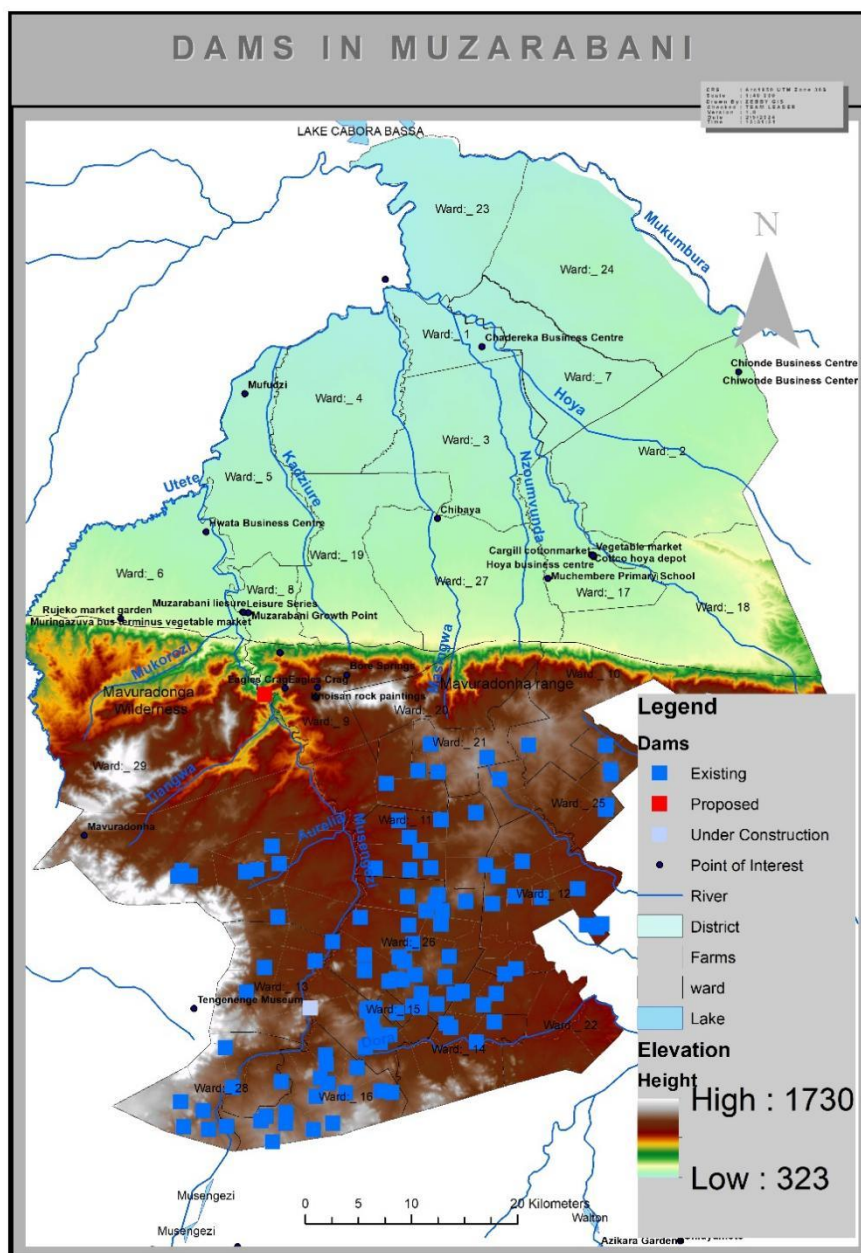


Figure 12d: Rivers/ Drainage



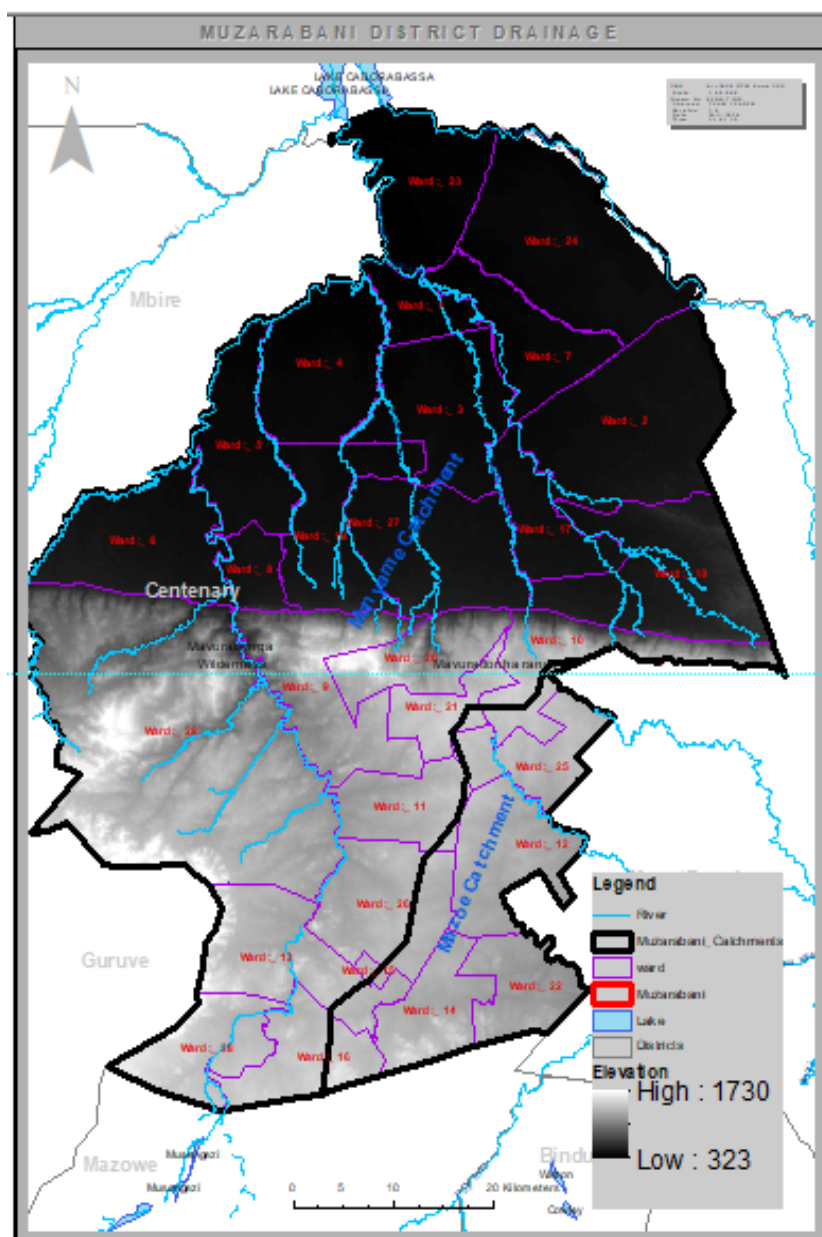


Figure 12f Muzarabani drainage

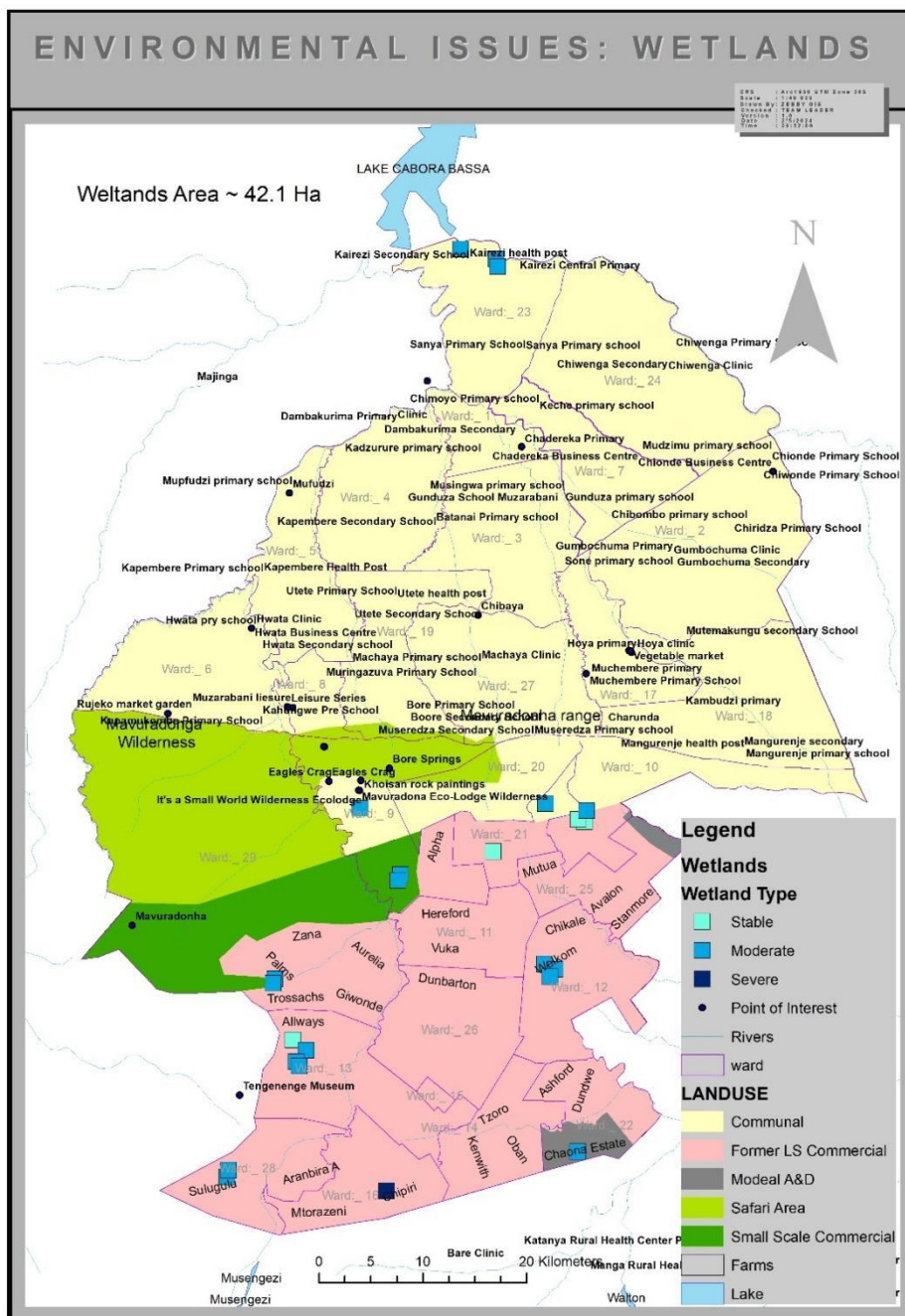


Figure 13a: Distribution of wetlands and level of threats in the district

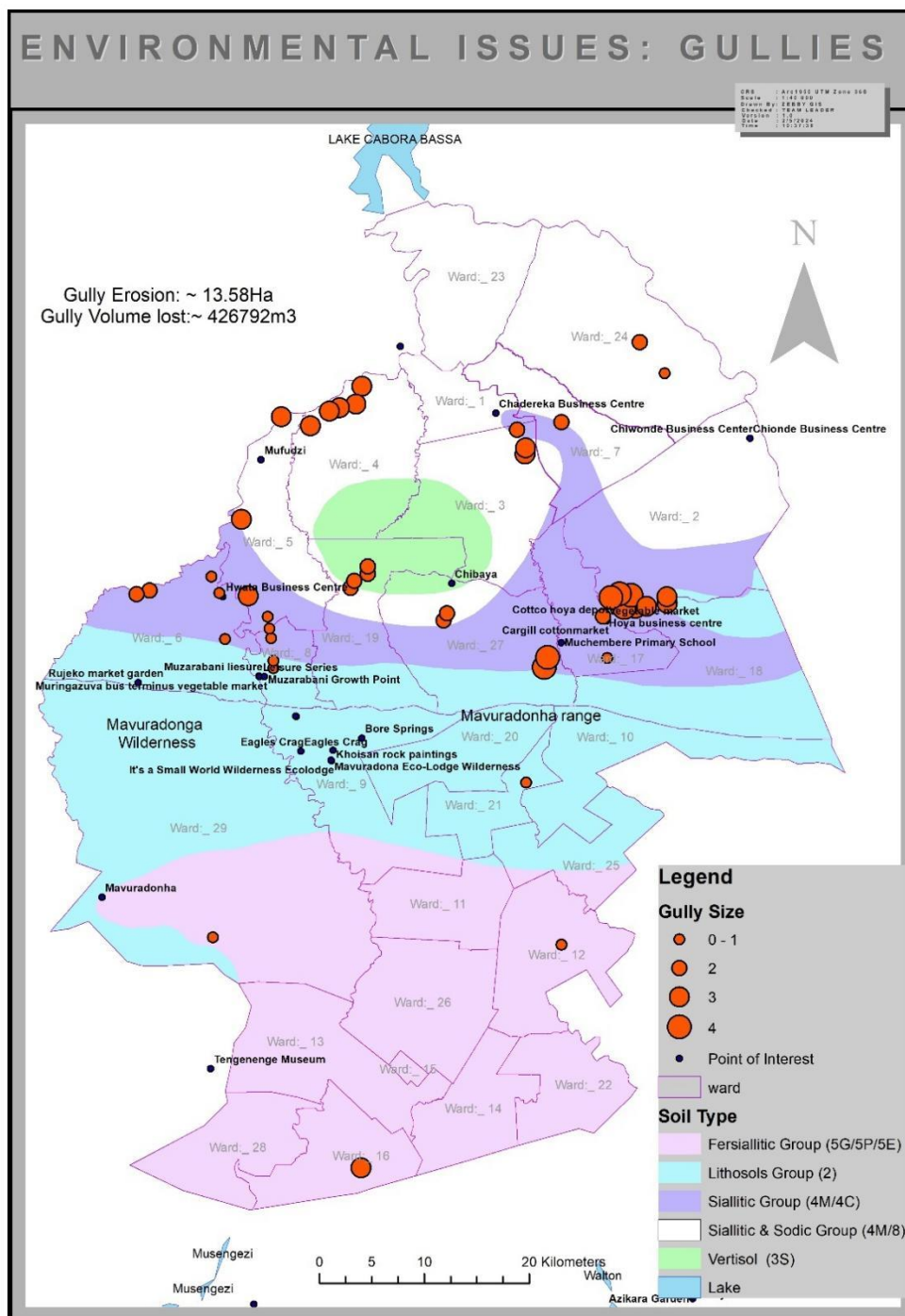


Figure 13b: Size and distribution of gullies in the district.

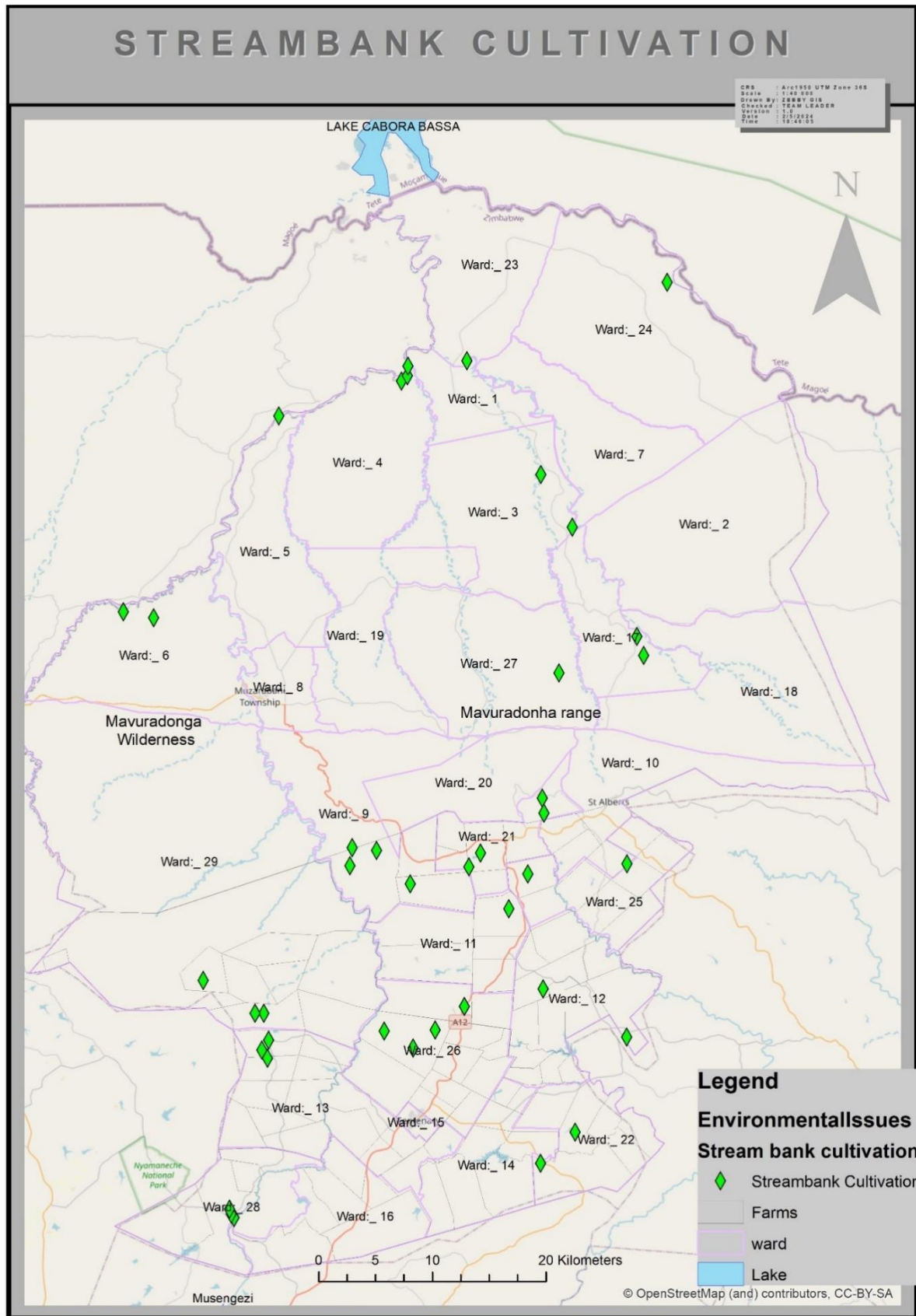


Figure 13b: Stream bank cultivation

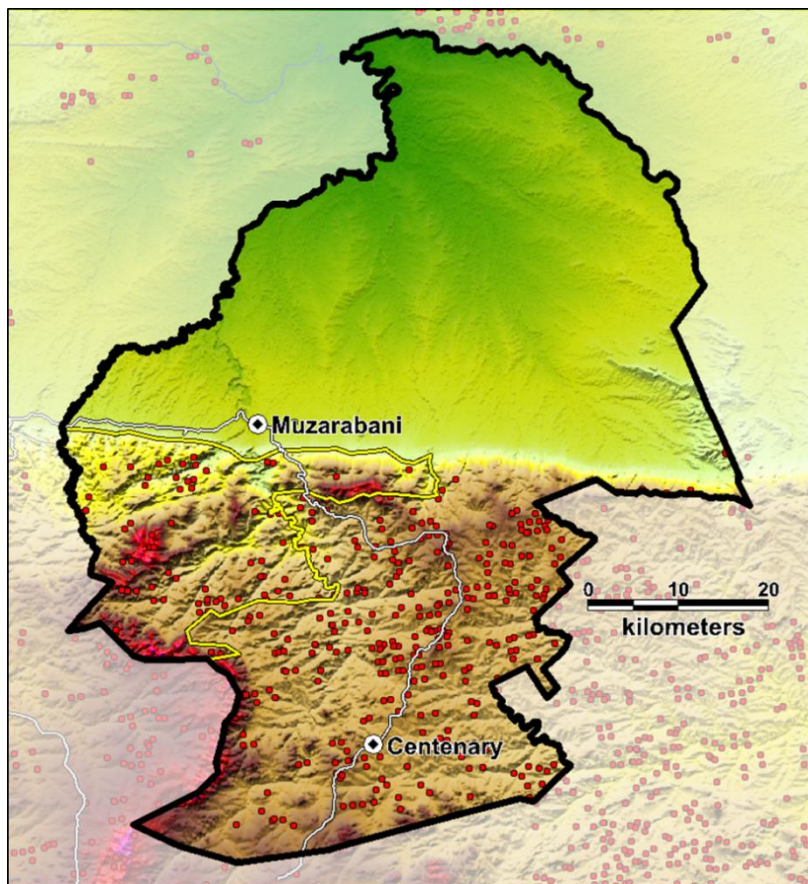


Figure 13d: Fire incidents distribution in the district in 2021.

Source: EMA database

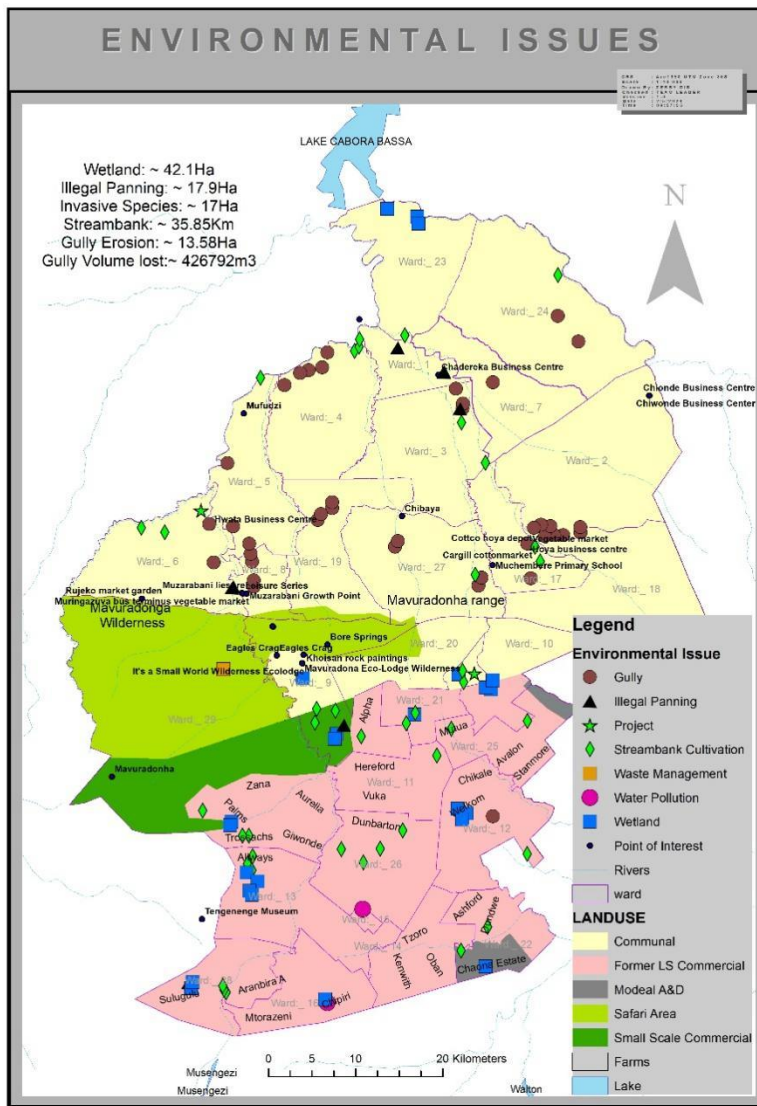
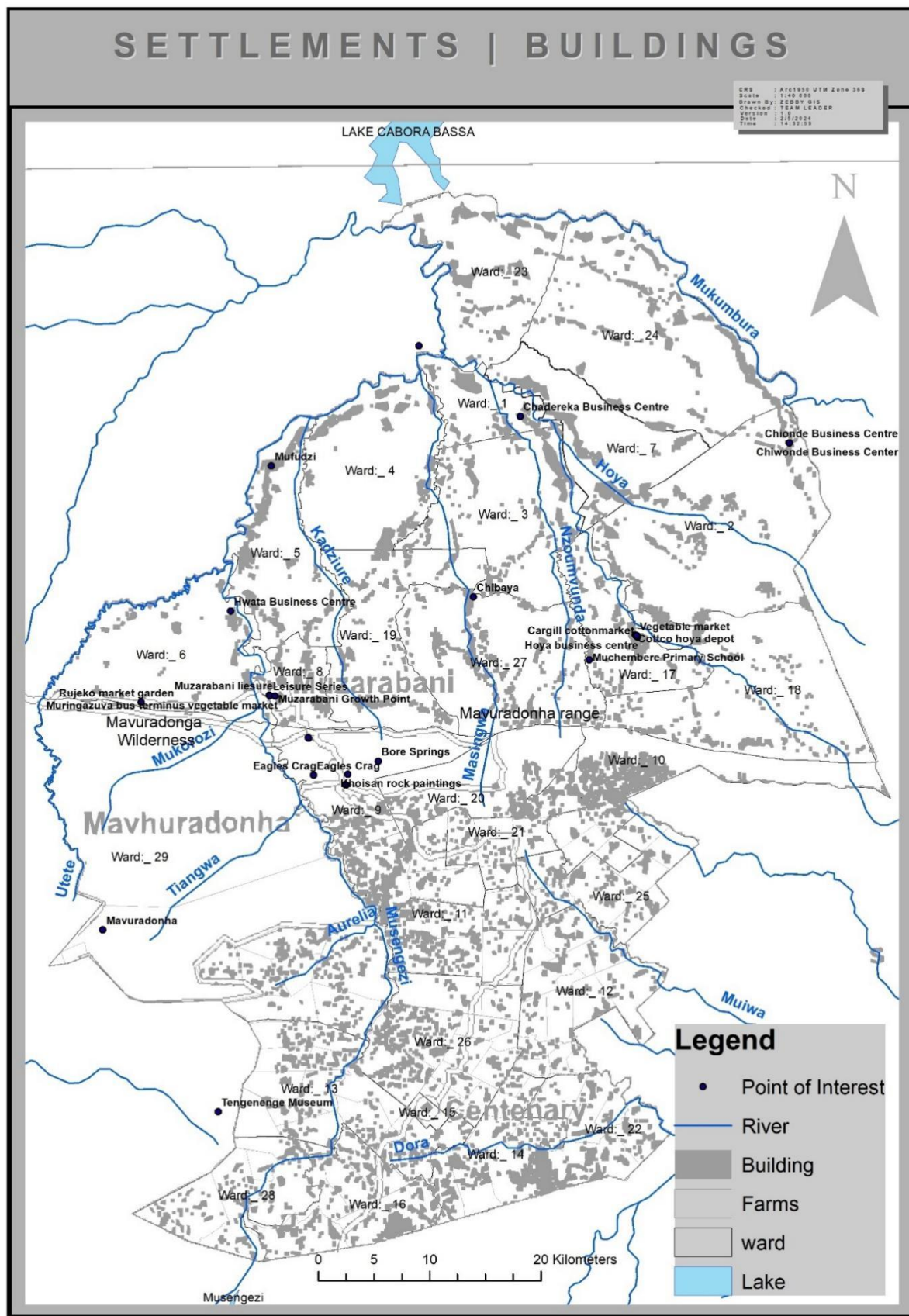


Figure 13c: Distribution of major environmental problems in the district



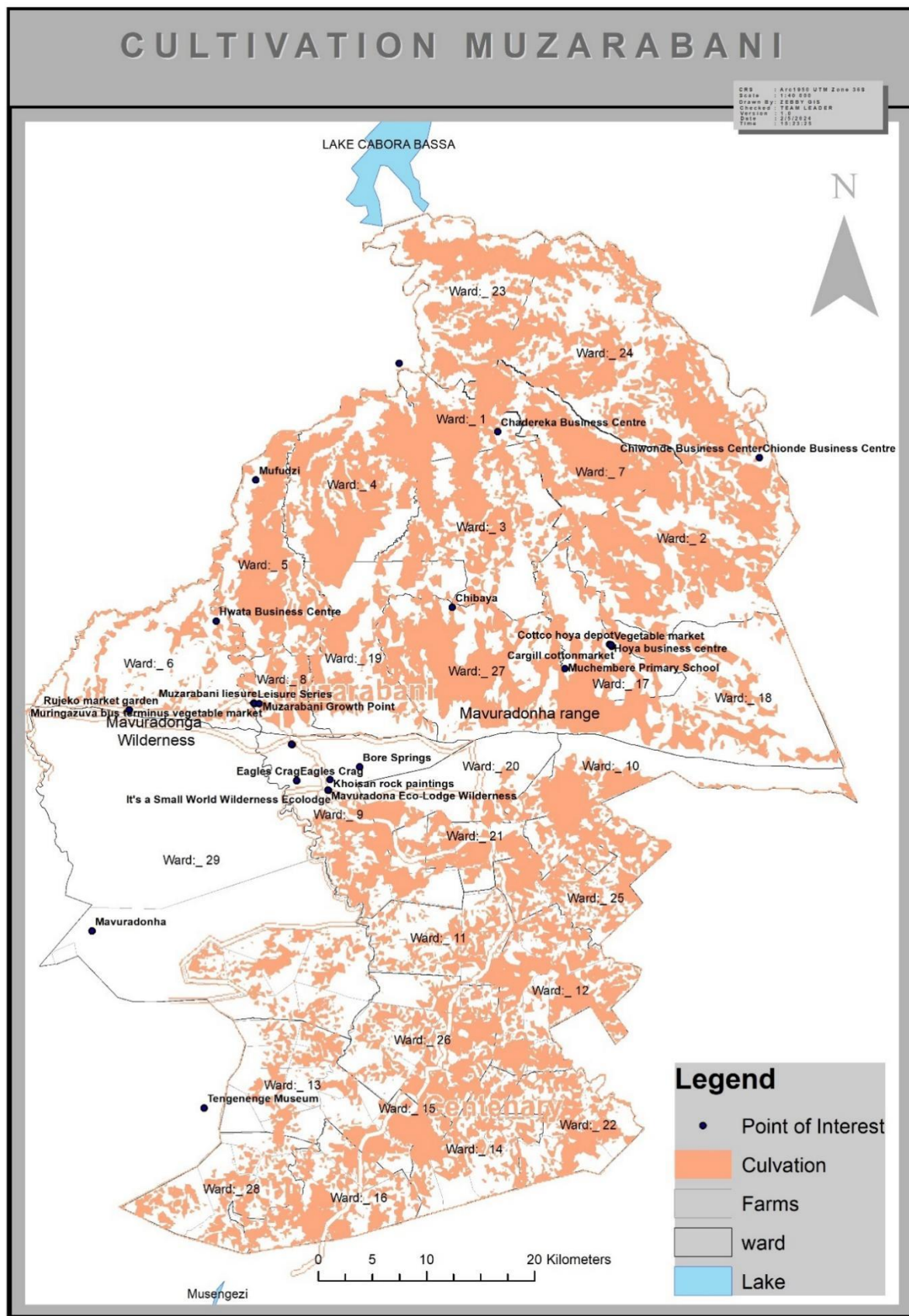


Figure 14b: Cultivation

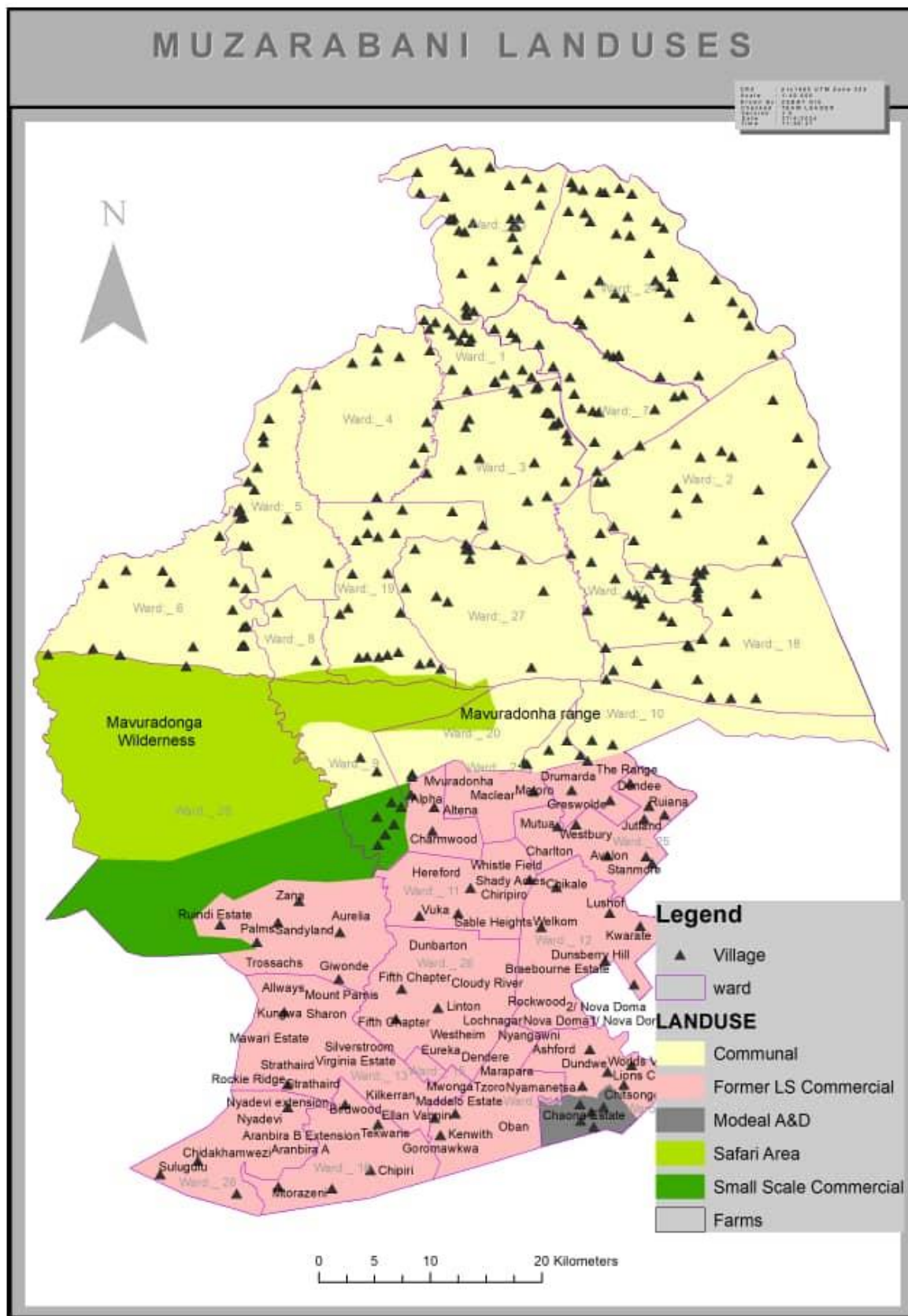


Figure 14c: Rural Land uses

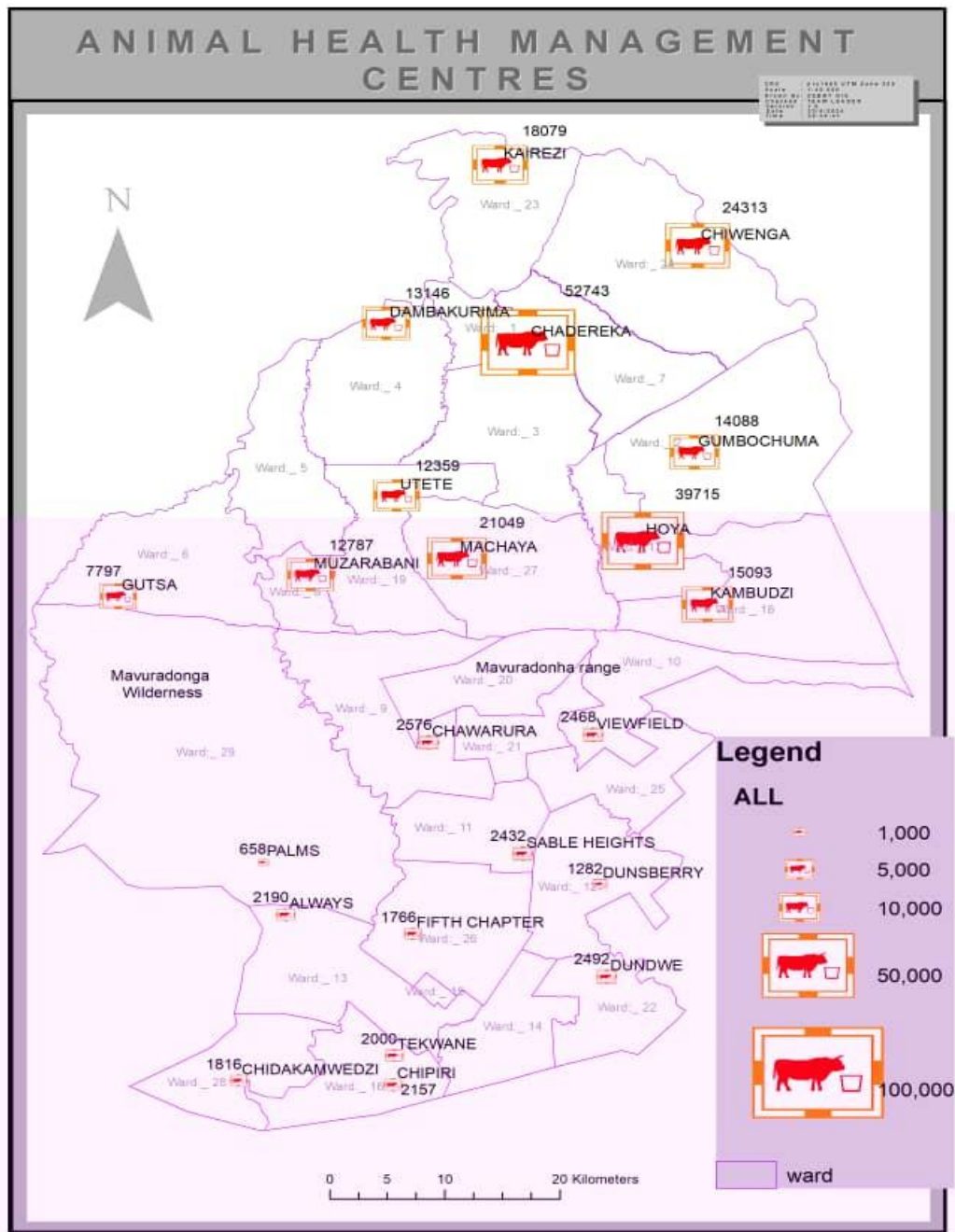


Figure 14d: Animal health Management centers

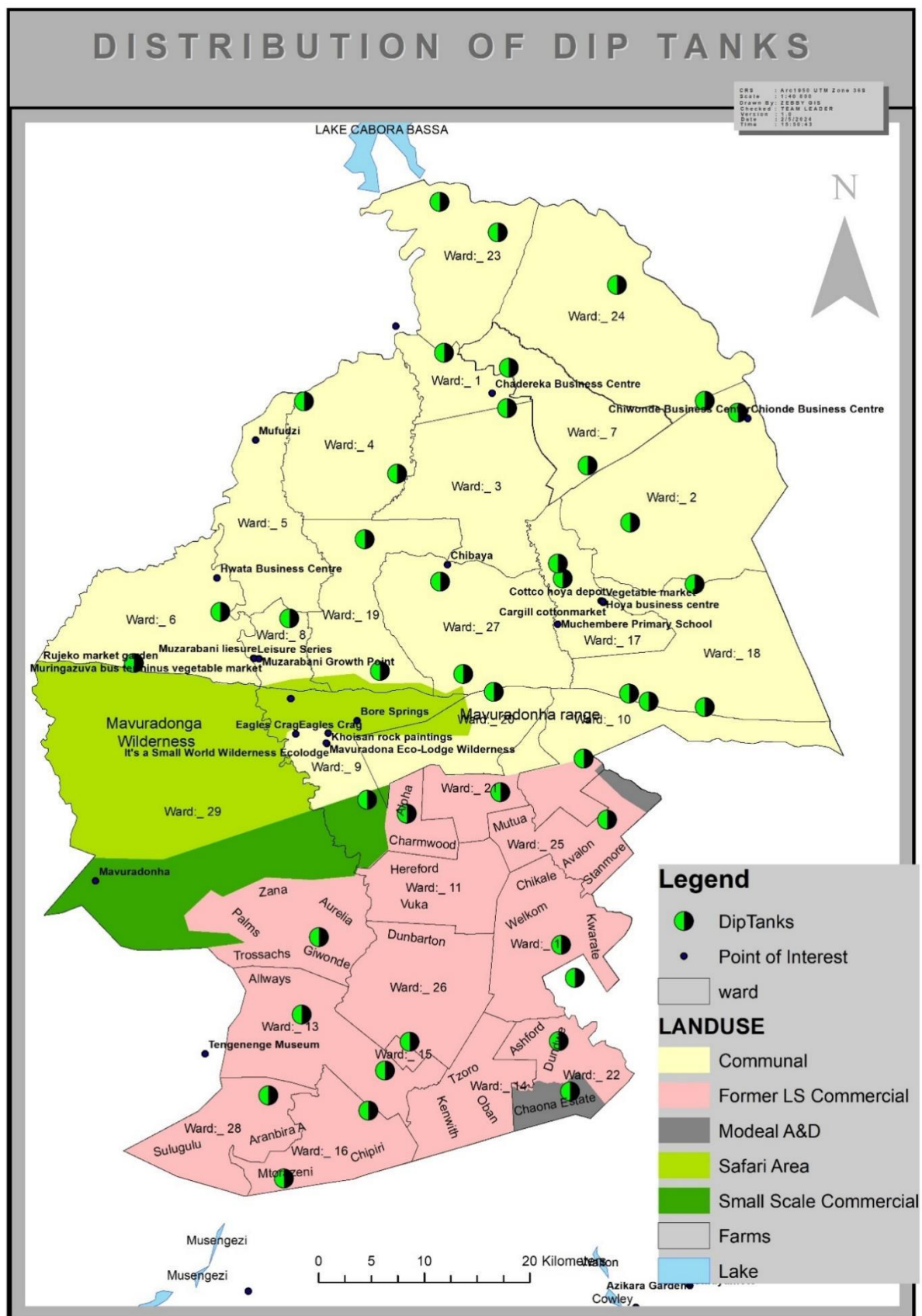


Figure 14e: Mazarabani Dip Tanks

MUZARABANI GROWTH NODES

CRS : Arc1985 UTM Zone 39S
Scale : 1:40 000
Drawn by: CEBY 015
Checked: TEAM LEADER
Version : 1.0
Date : 06/02/24
Time : 08:58:49

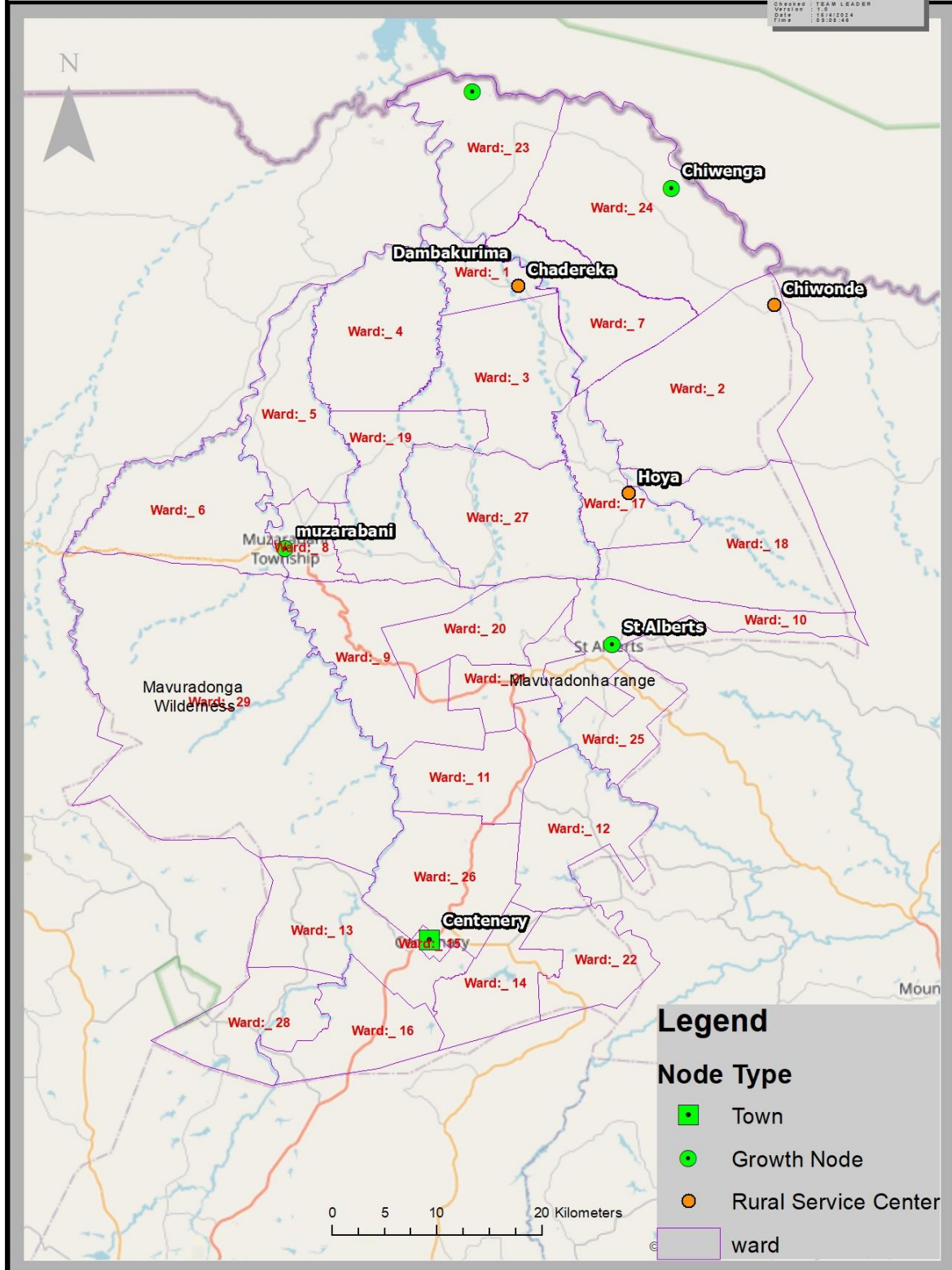


Figure 14f: Muzarabani Growth nodes ,Business Centres and Rural Service Centres



Figure 14g: Conservation area in relation to other landuses

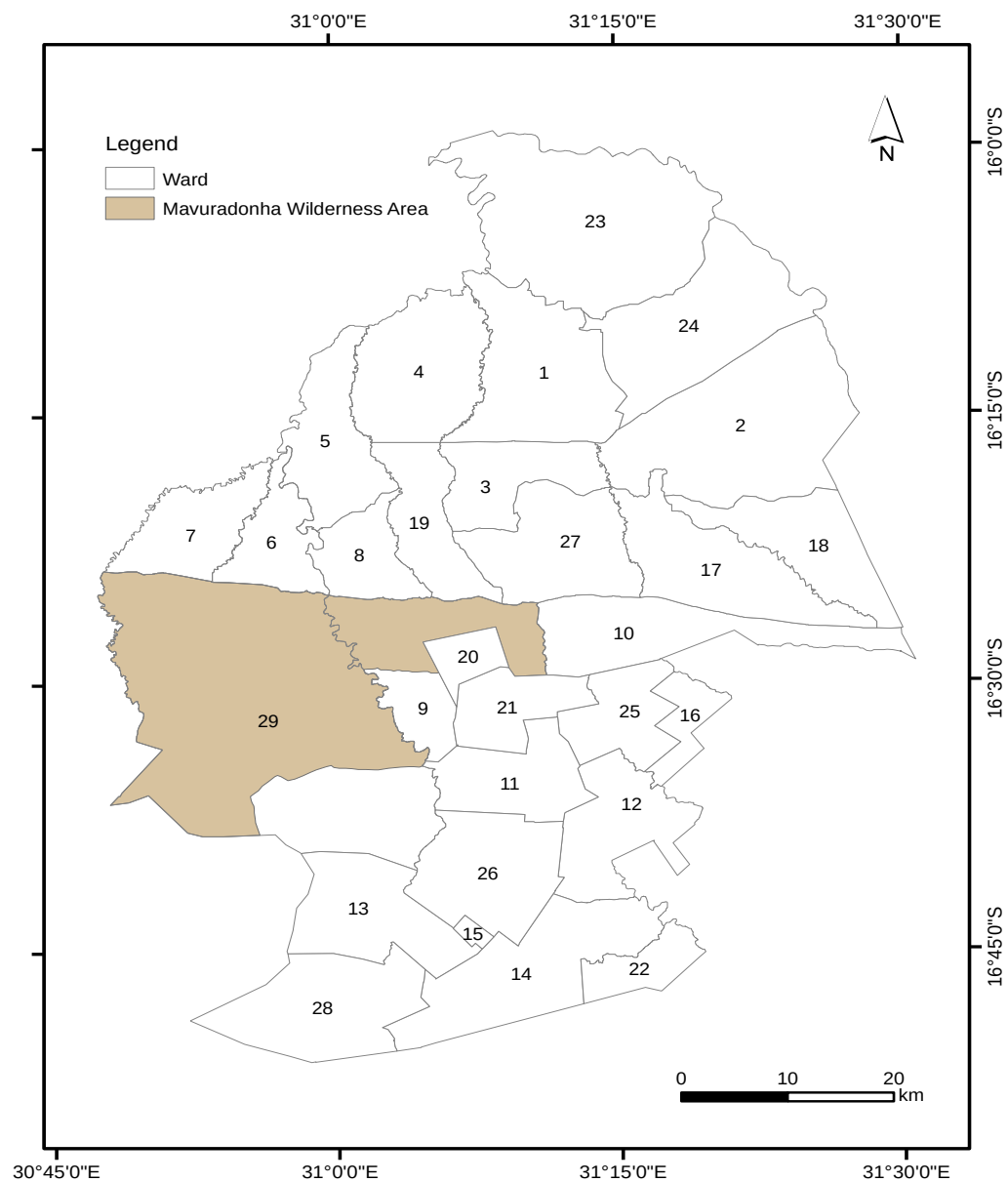


Figure 14h : Location of the Mavuradonha Wilderness Area in Muzarabani District.

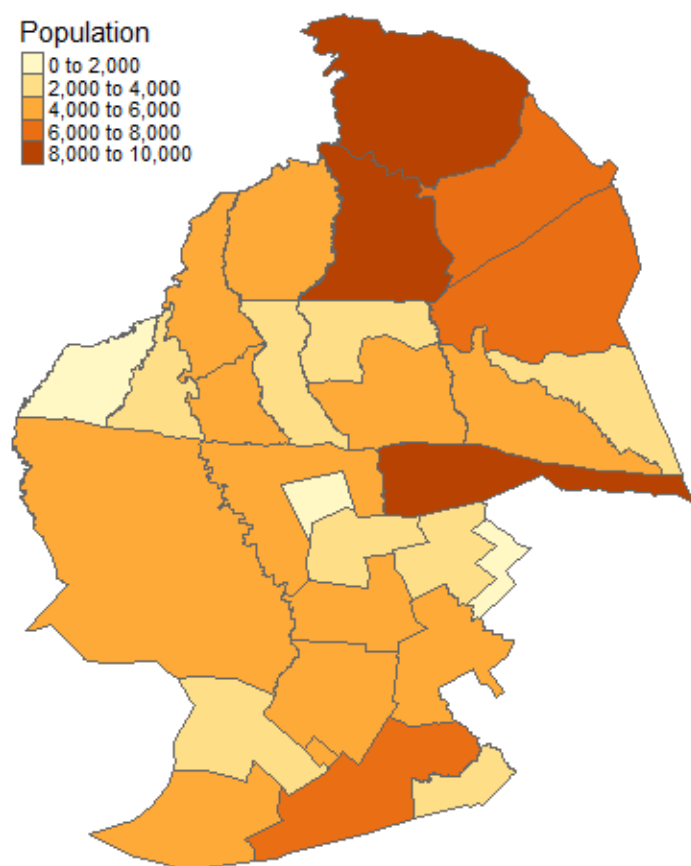
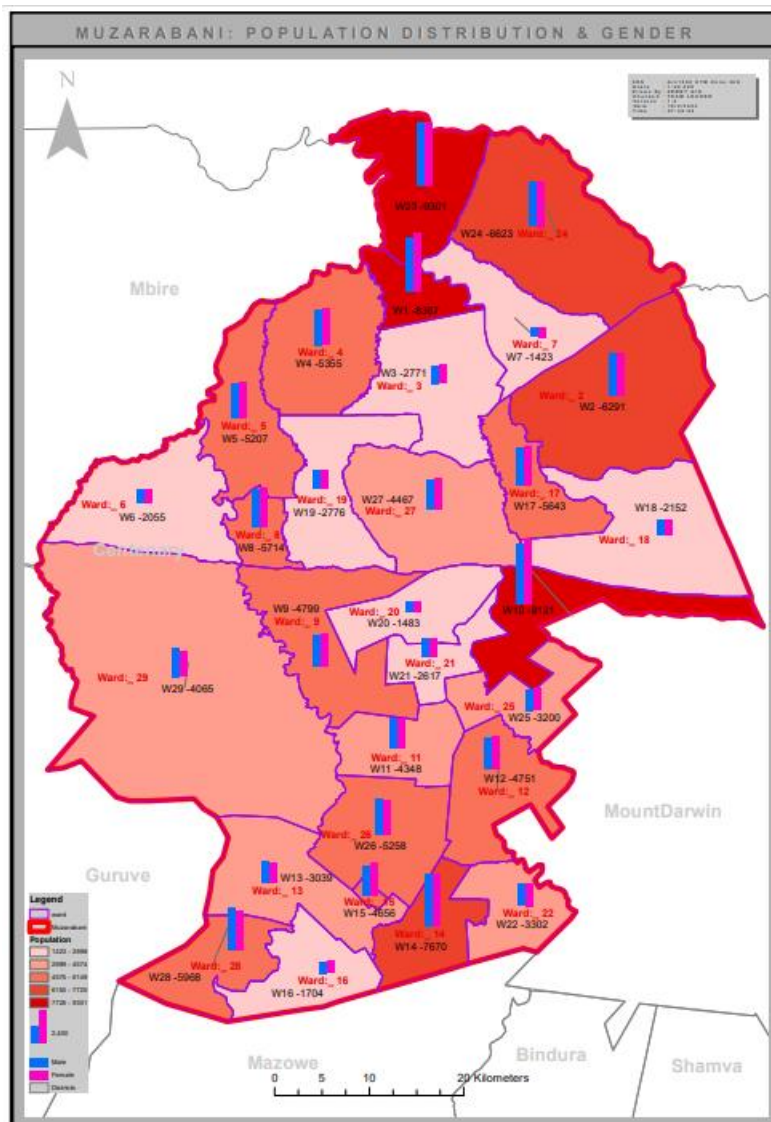


Figure 15a: pulation characteristics according to wards. Zim Stat 2022



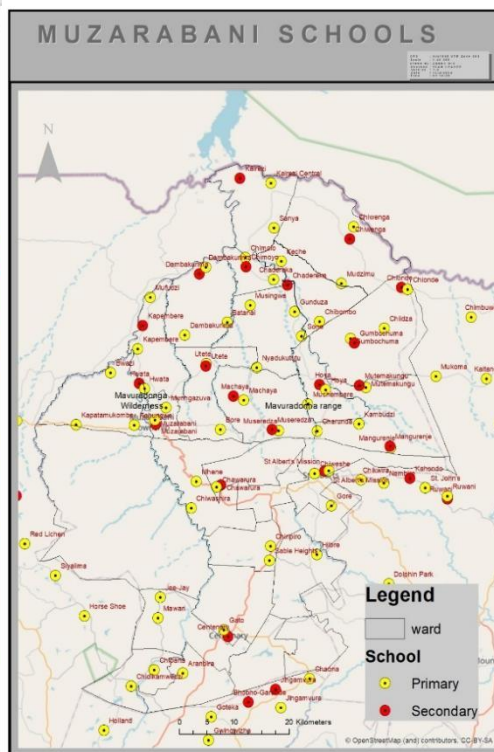
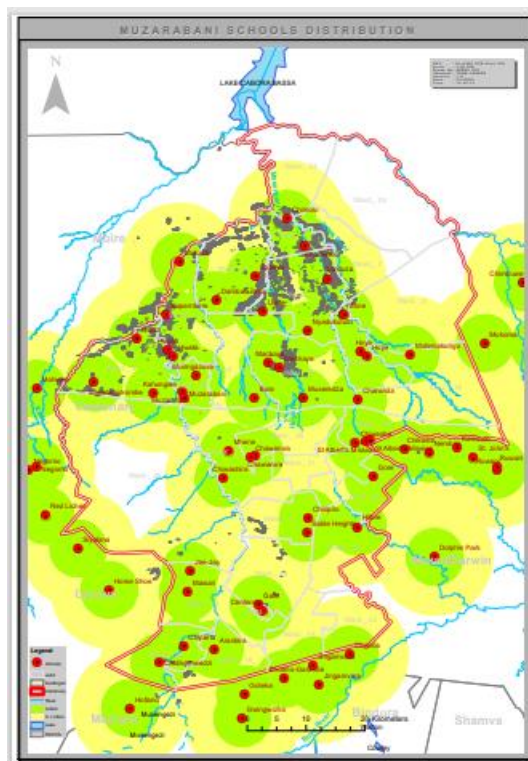


Figure 16a Muzarabani Schools distribution Figure 16b Muzarabani Schools



Fig 16c Primary and secondary schools in Muzarabani.

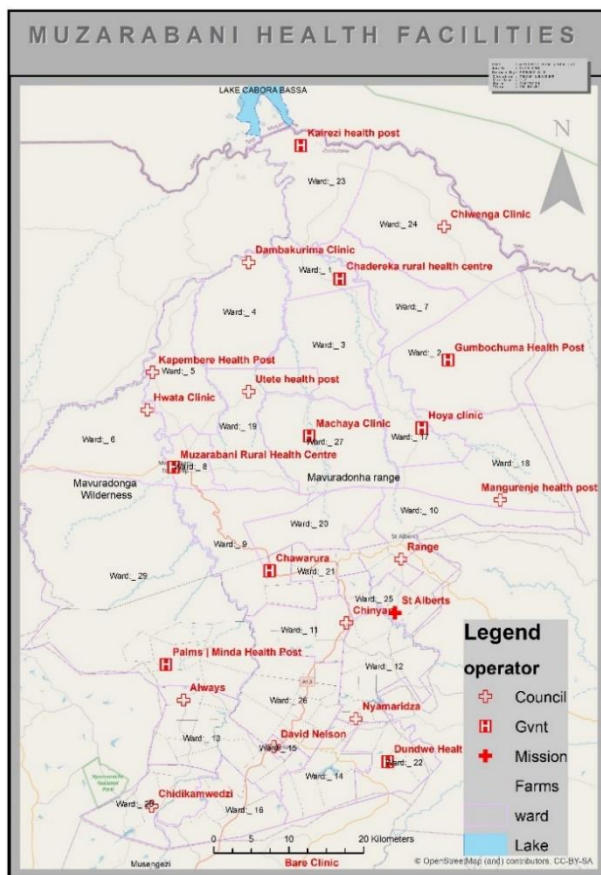


Figure 16d: Distribution of Clinics

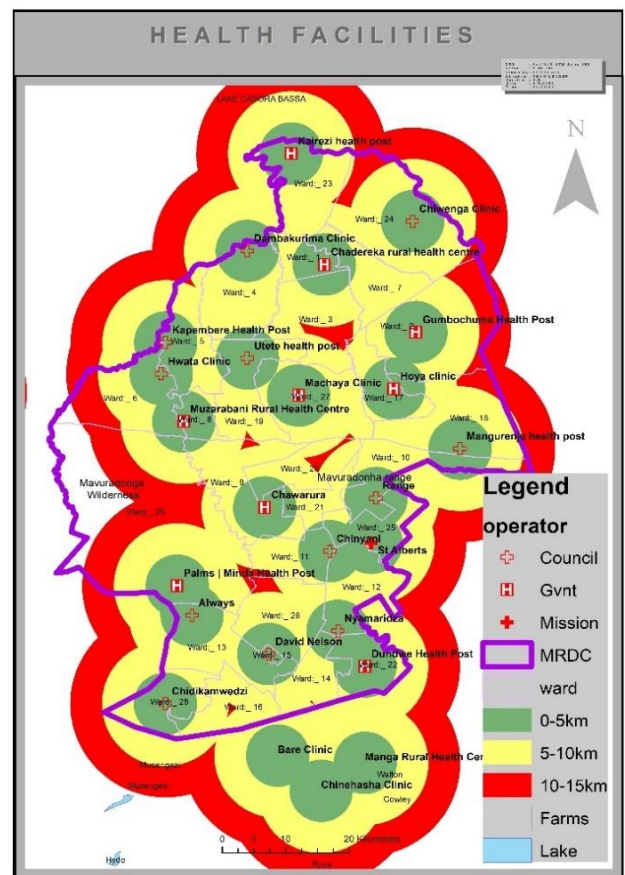


Figure 16e: Distribution of Clinics

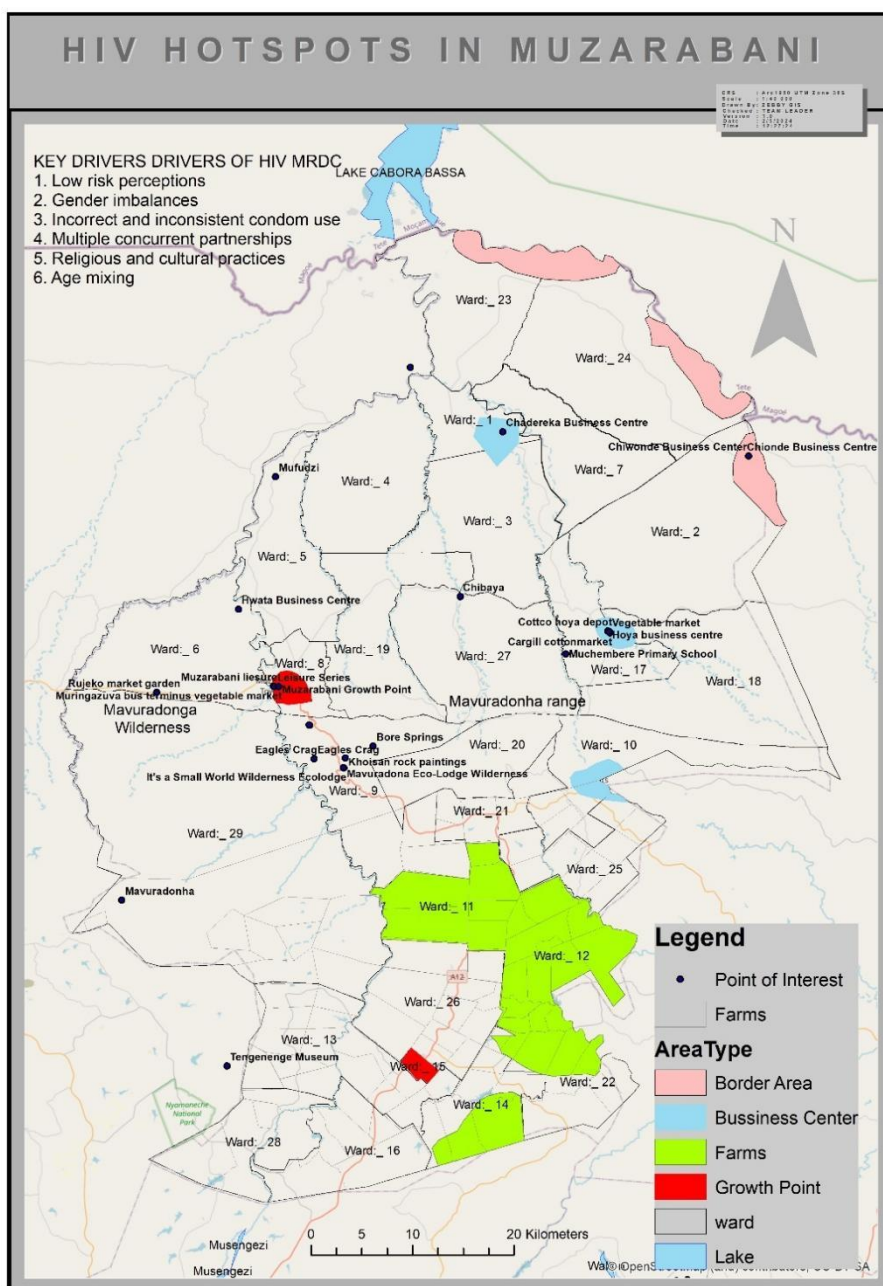


Figure 16f: HIV Hotspots in Muzarabani

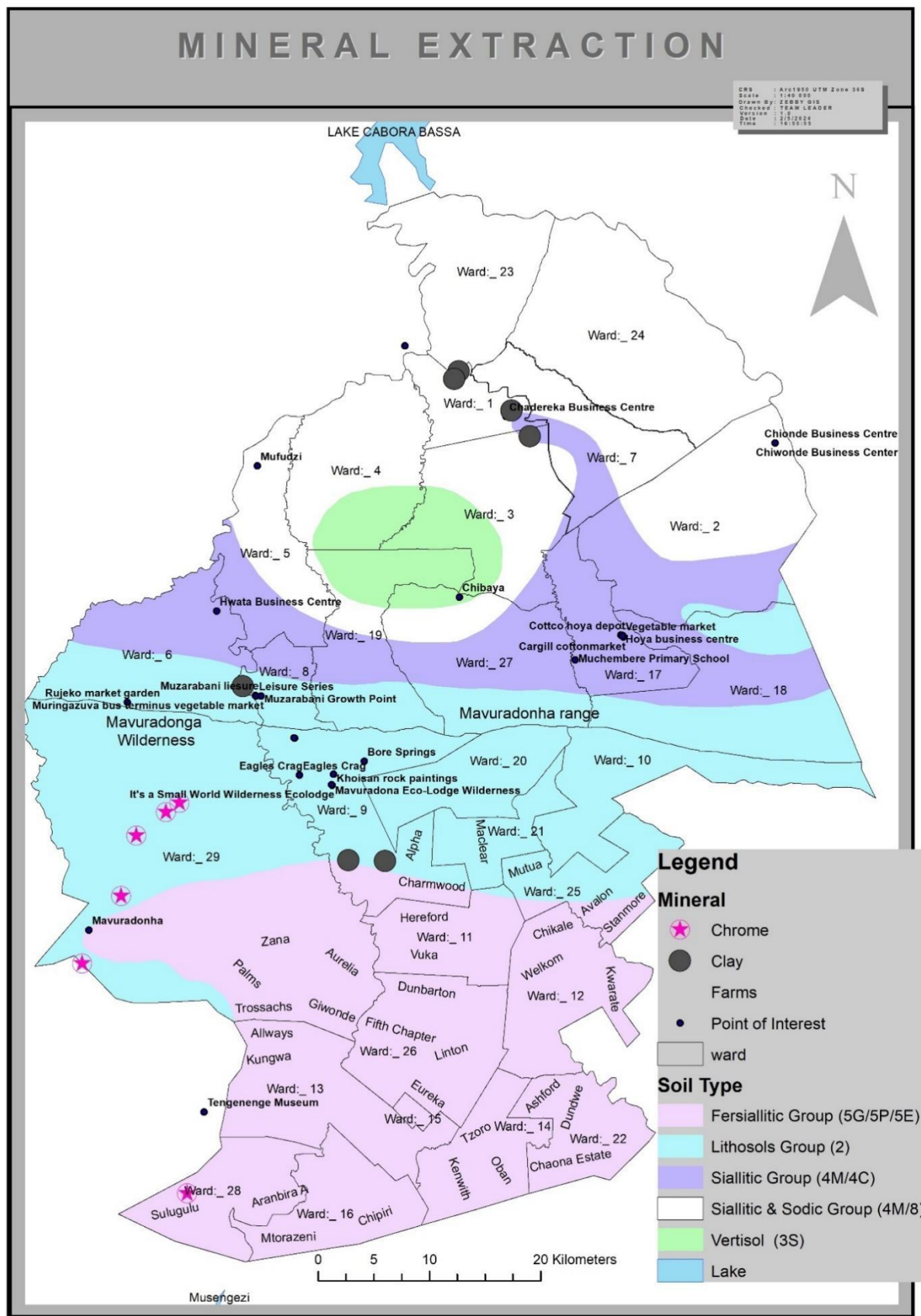


Figure 17a: Mineral extractions

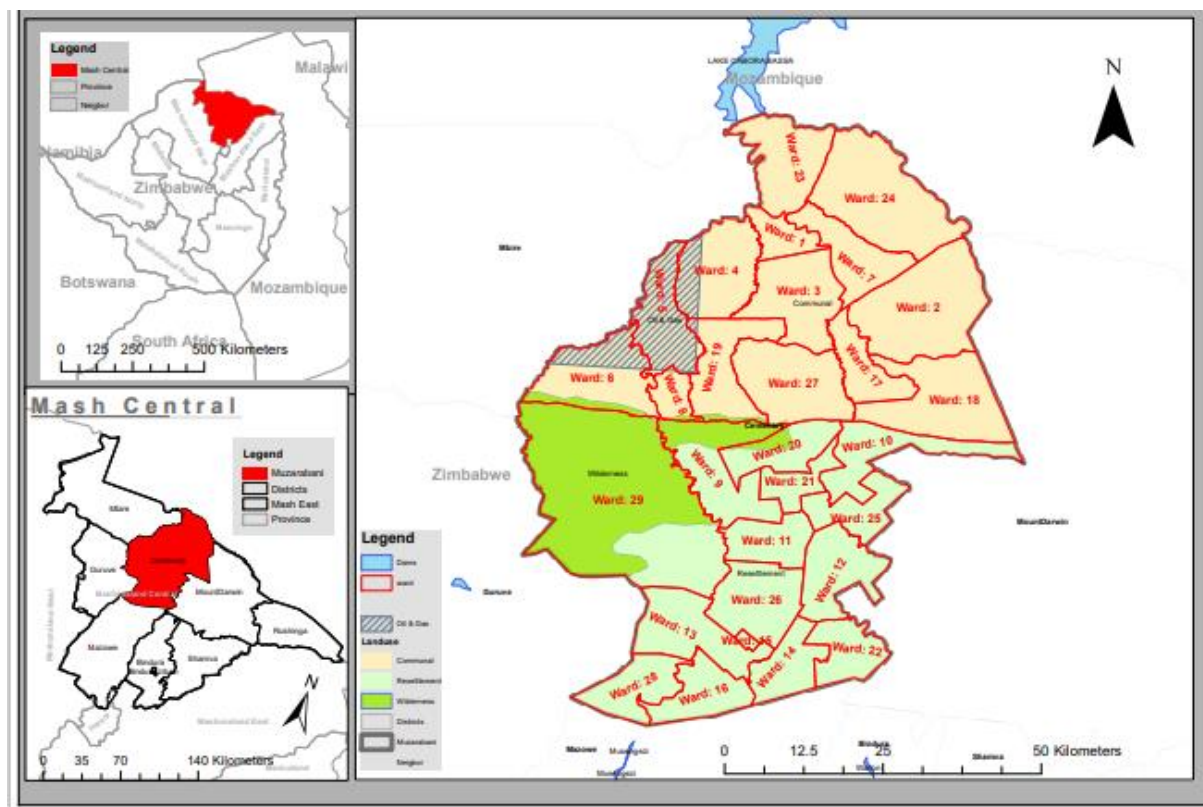


Figure 17b: Muzarabani Gas and Oil (Stripped) in relation to other land uses

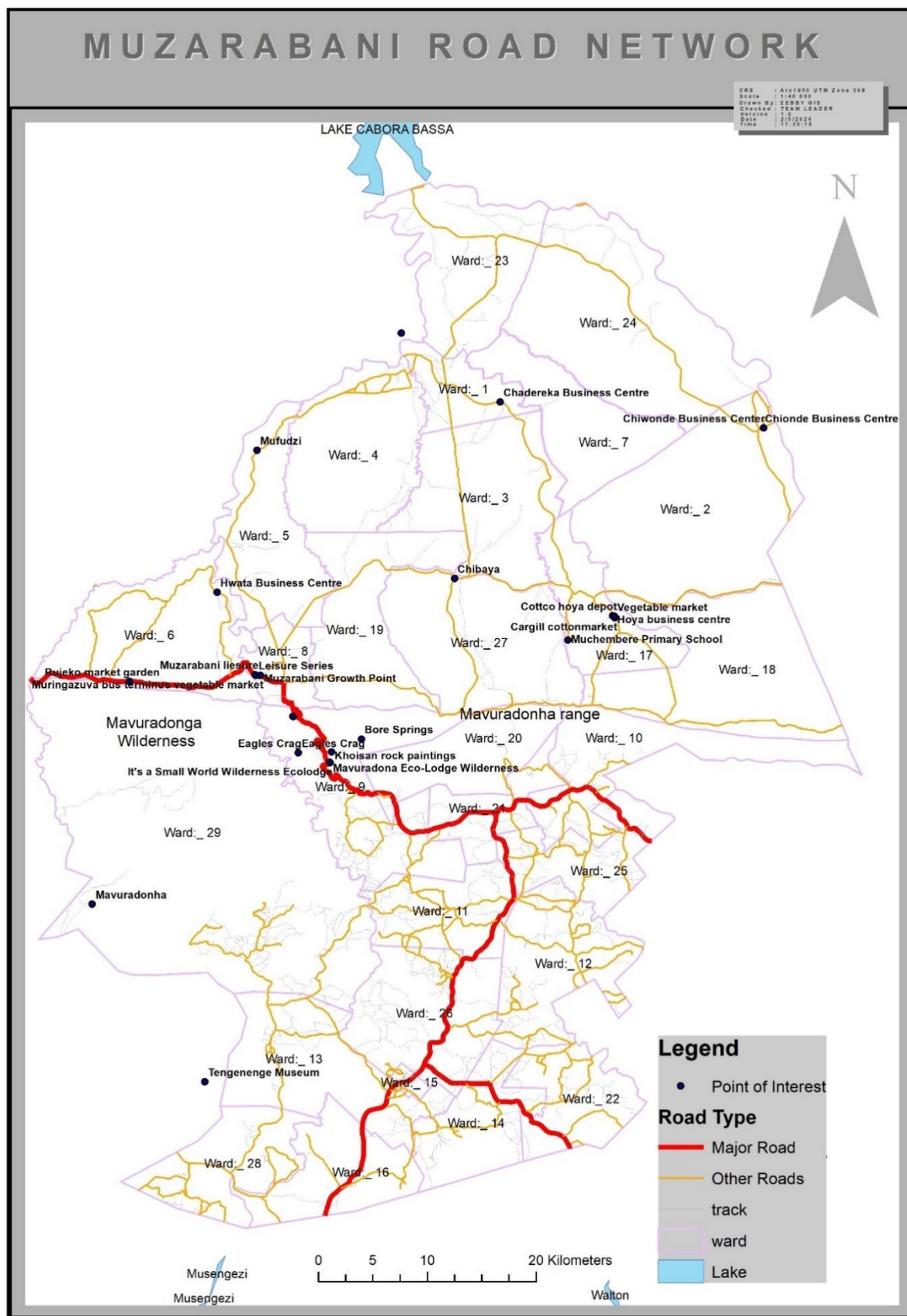


Figure 18a: Muzarabani Road Networks

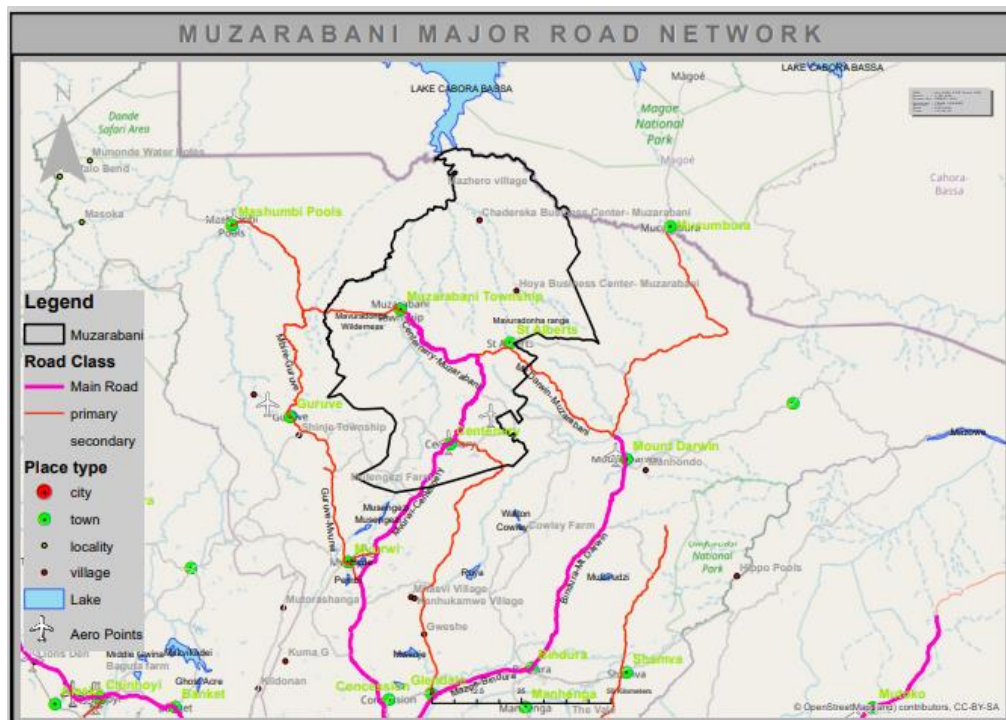


Figure 18b: Major district linkages to other important neighboring areas

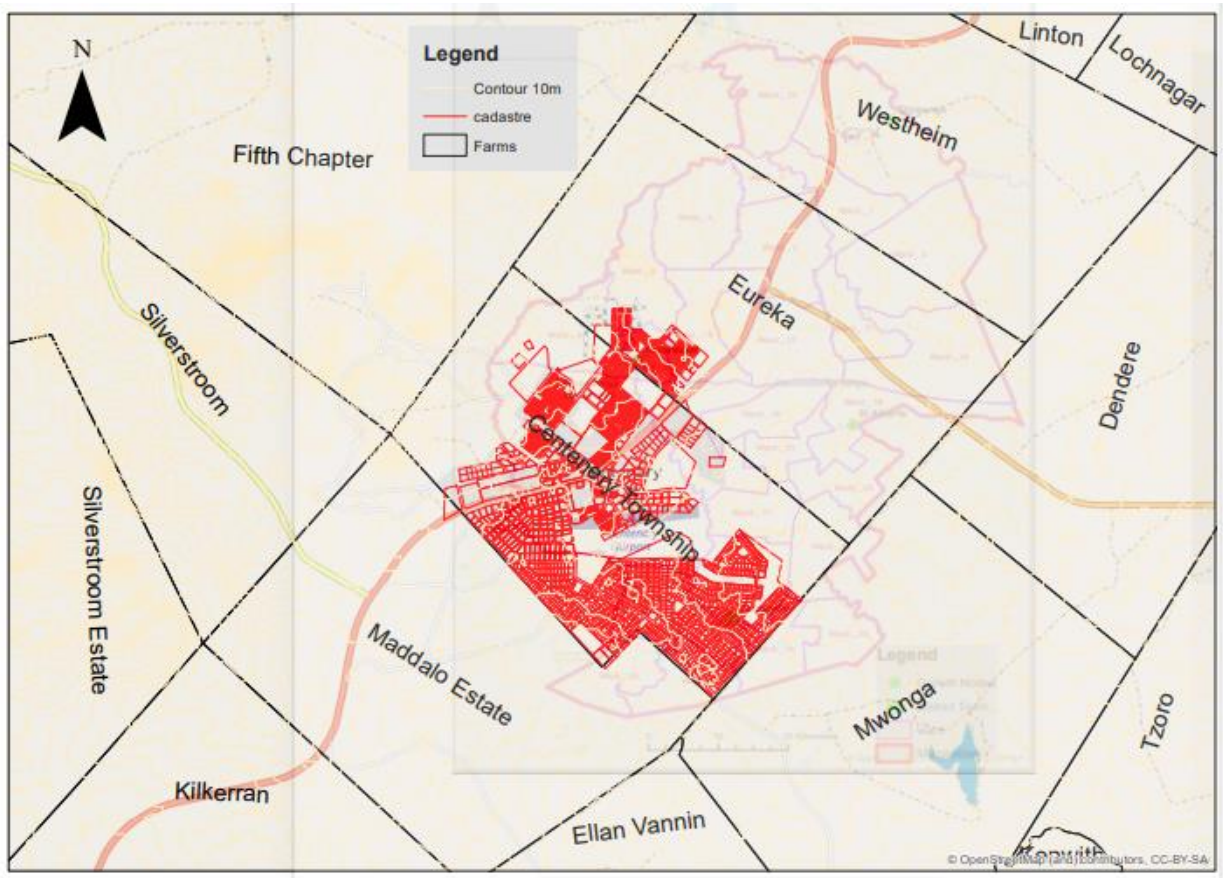
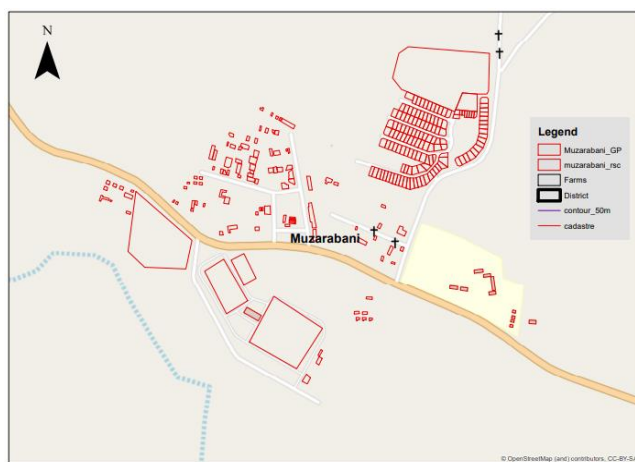


Figure 19 Centenary Current status



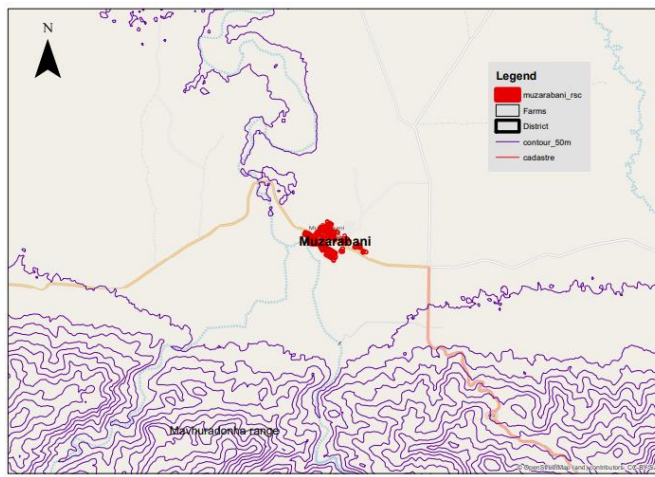


Figure 20 Muzarabani Current status

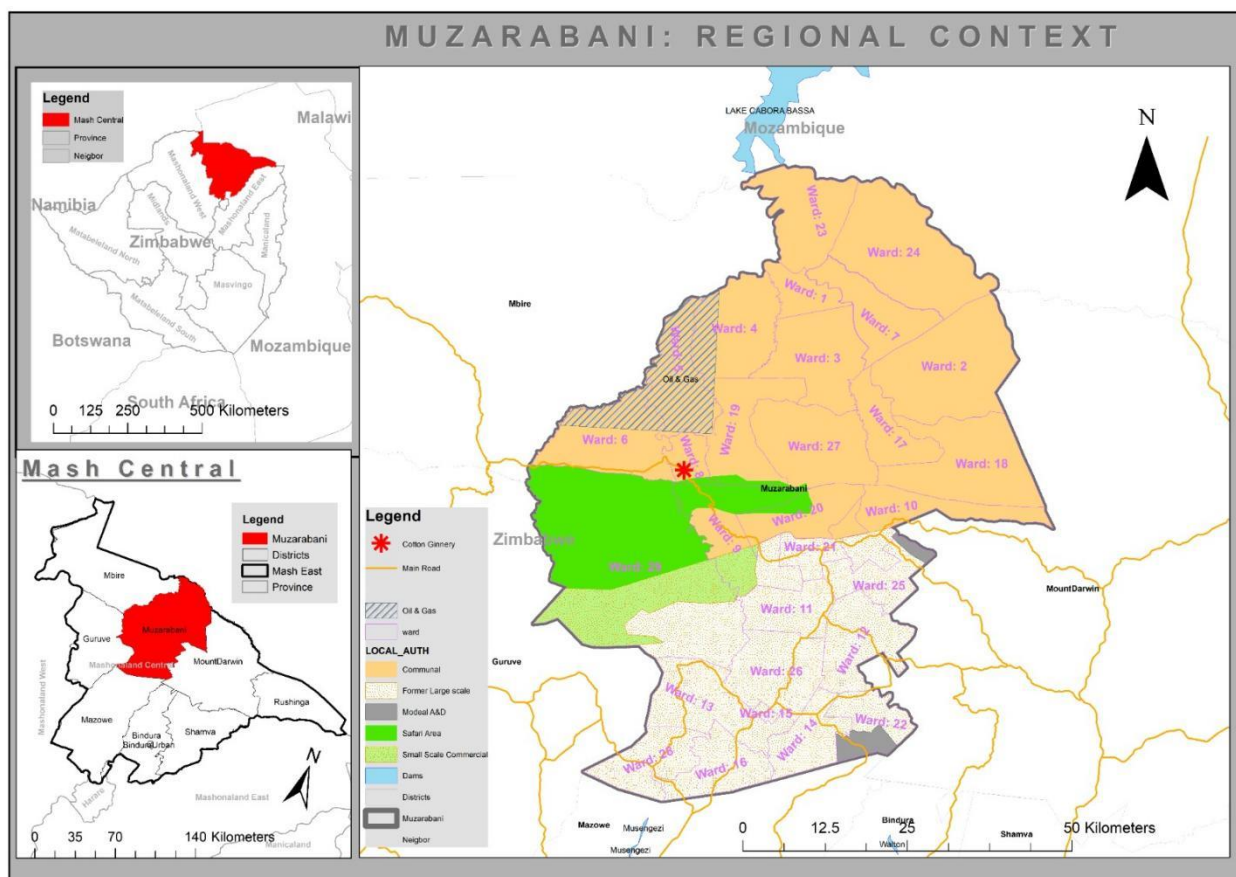
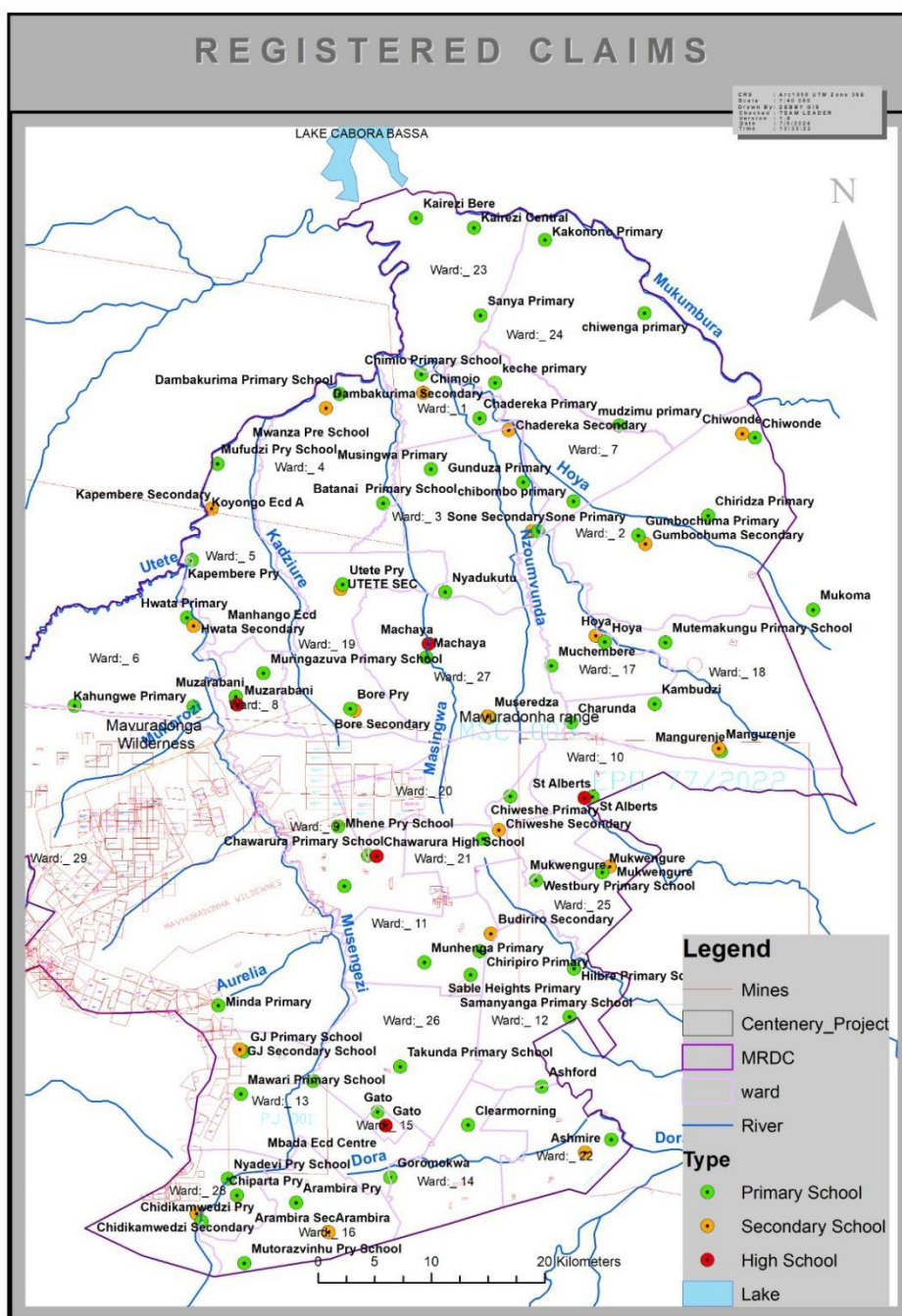


Figure 22 Major landuses



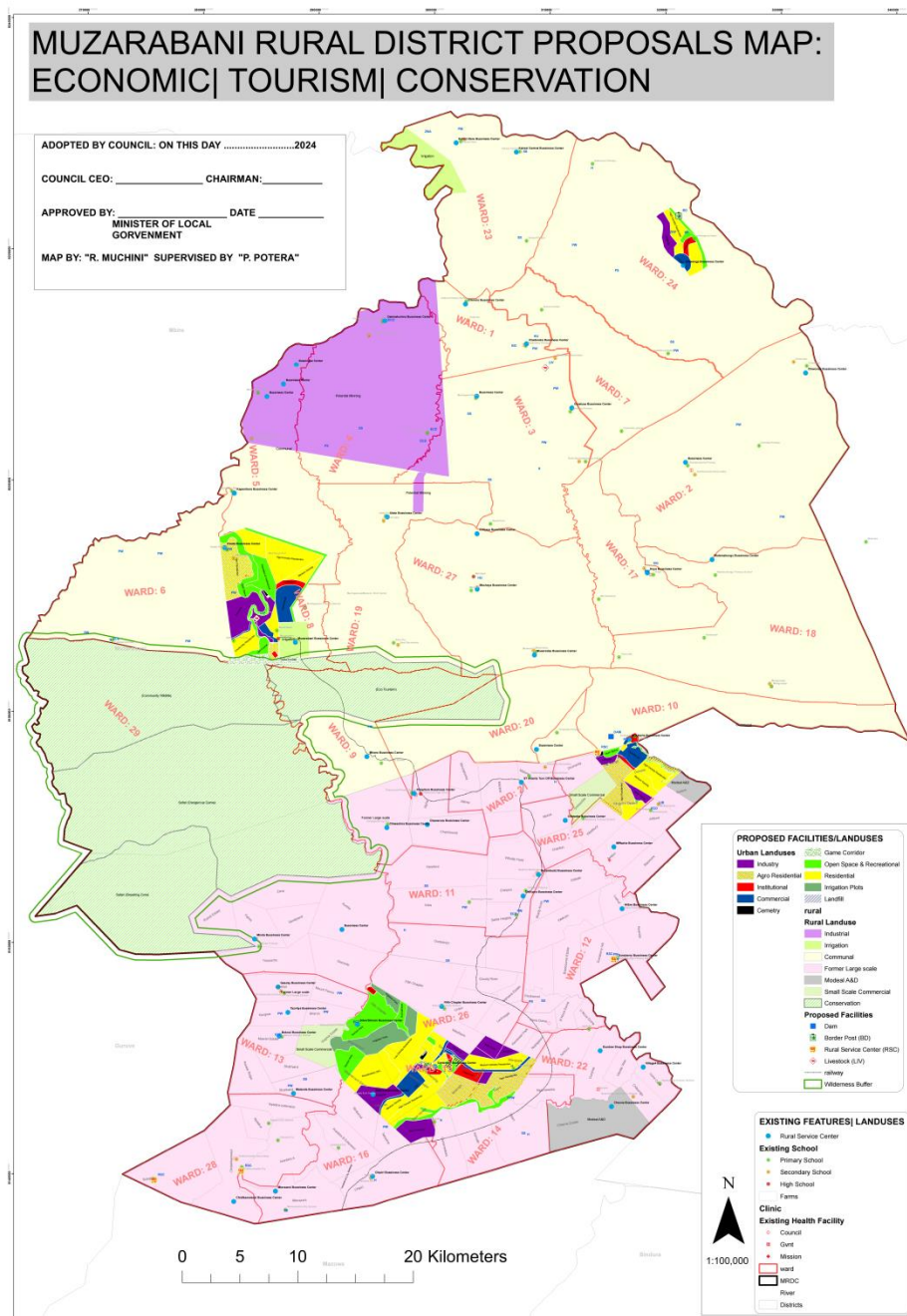


Figure 24 Proposal Map Economic,tourism and Conservation

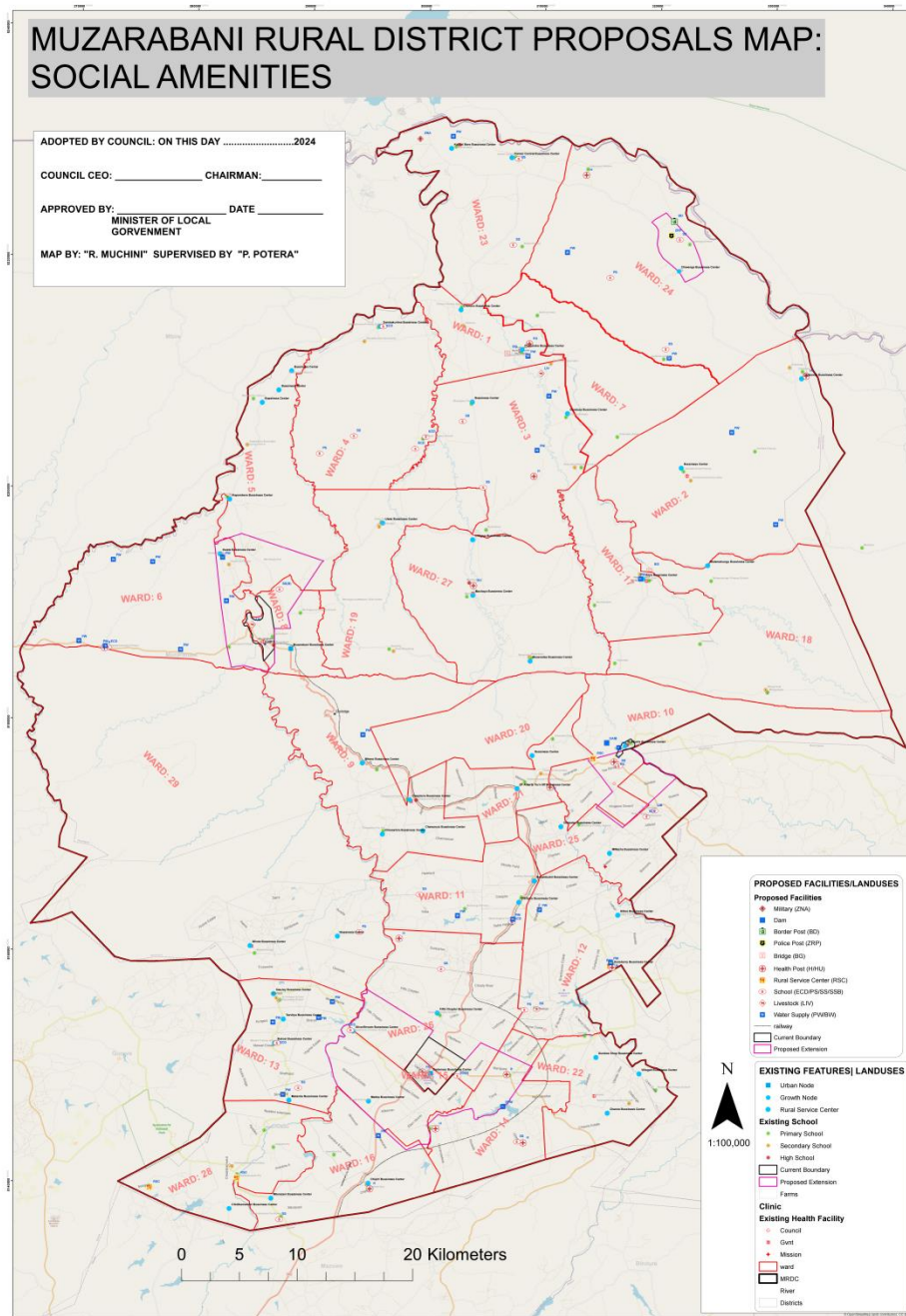


Figure 25 Proposal Map Social amenities

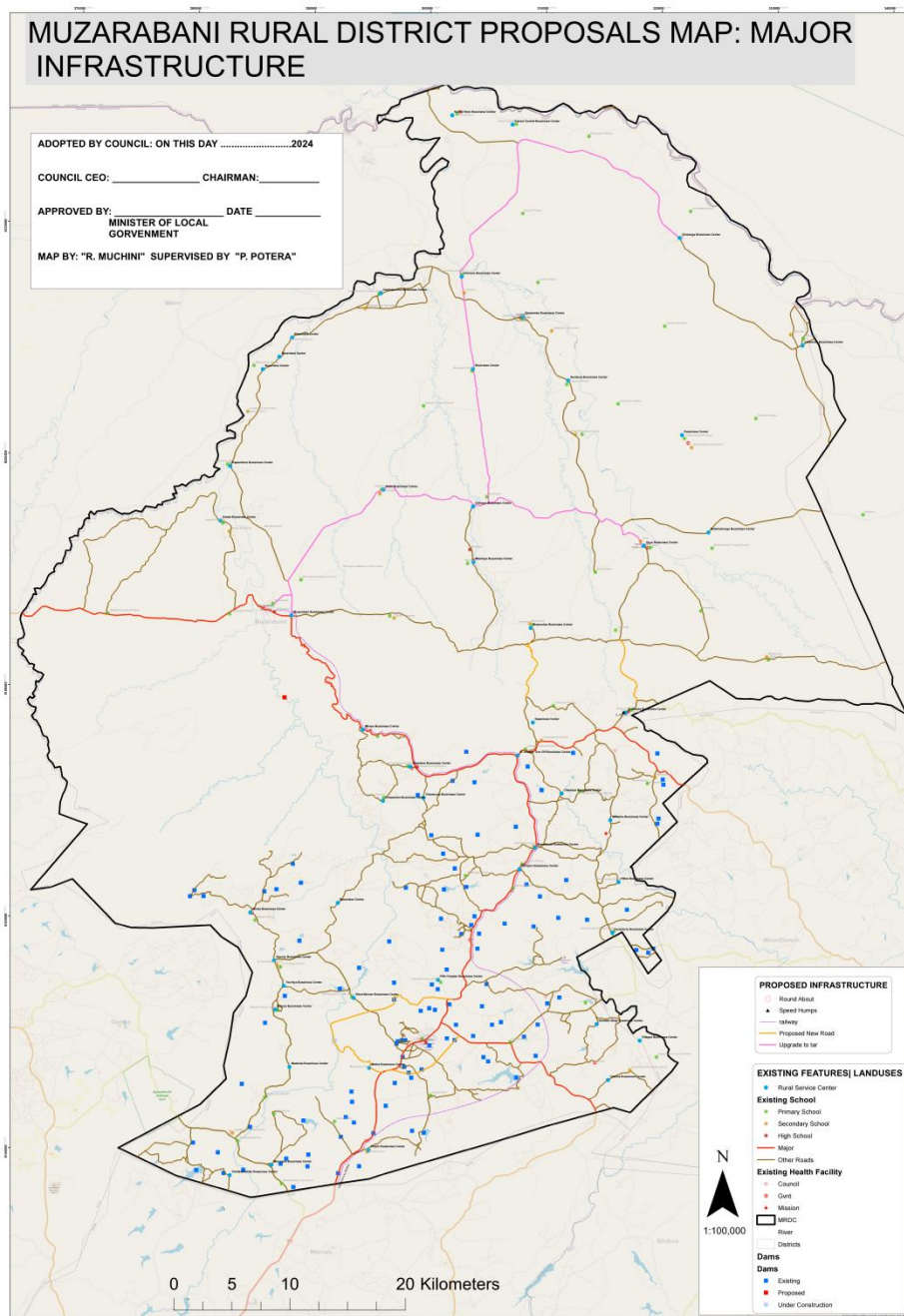


Figure 26 Proposal Map major infrastructure

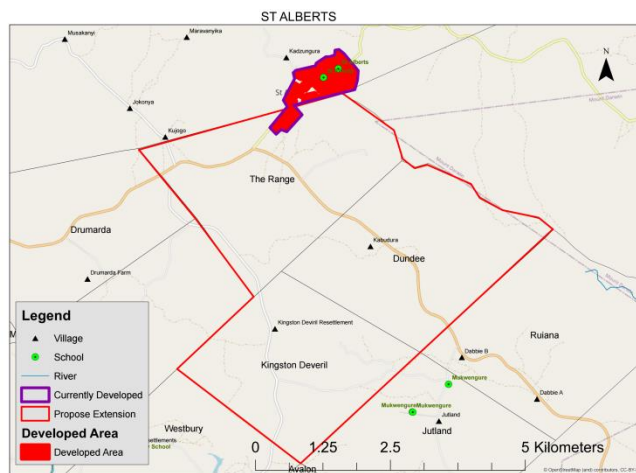


Figure 27St Alberts proposed boundary

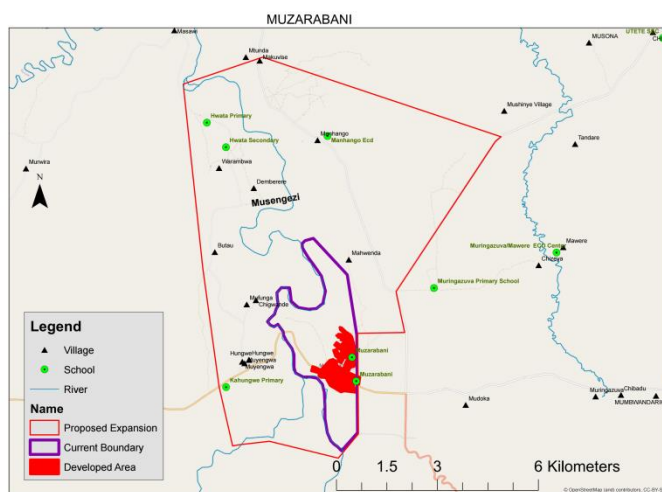


Figure 28 Muzarabani proposed boundary

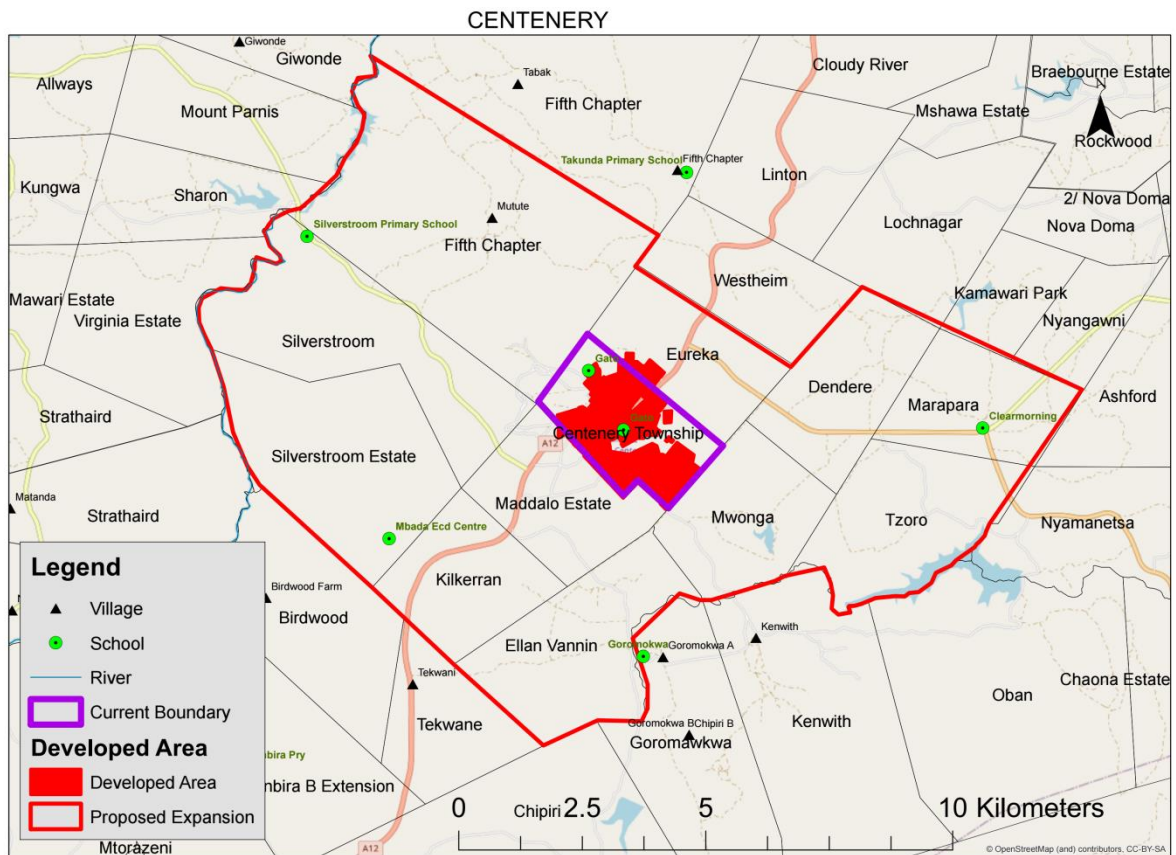


Figure 29 Centenary proposed boundary

ADOPTED BY COUNCIL: ON THIS DAY2024

COUNCIL CEO: _____ CHAIRMAN: _____

APPROVED BY: _____ DATE _____
MINISTER OF LOCAL GOVERNMENT

MAP BY: RMuchini VERIFIED BY: P Potera Mandishaya

Proposals

Proposed Facilities	Rural Landuse	Urban Landuses
Military (ZNA)	Irrigation	Industry
Dam	Communal	Agrs Residential
Border Post (BD)	Former Large scale	Institutional
Police Post (ZRP)	Model A&D	Commercial
Bridge (BG)	Small Scale Commercial	Cemetery
Health Post (HRU)	Conservation	Game Corridor
Rural Service Center (RSC)		Open Space & Recreational
School (PS/SS)		Residential
Livestock (LIV)		Irrigation Plots
Water Supply (PWBW)		Solid Waste Site
StAlbertIsolationCenter		
Current Boundary		
Proposed Extension		
Proposed road		

EXISTING

Existing School	Existing Health Facility
Primary School	Council
Secondary School	Gvnt
High School	Mission
ward	MRDC
Clinic	River
	Lake
	Districts

WARD: 10

WARD: 25

WARD: 21

Scale: 0 0.75 1.5 3 Kilometers

Legend:

- Industrial
- Open Space
- Commercial
- High Density Residential
- Medium Density
- Low Density Residential
- St Albans
- St Alberts
- Westbury Primary School
- Jutland
- Mukwenyane
- ECD
- LIB
- Ruiana
- Drumards
- Greswolde
- Westbury

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PROPOSAL MAP (CENTENARY INSERT)

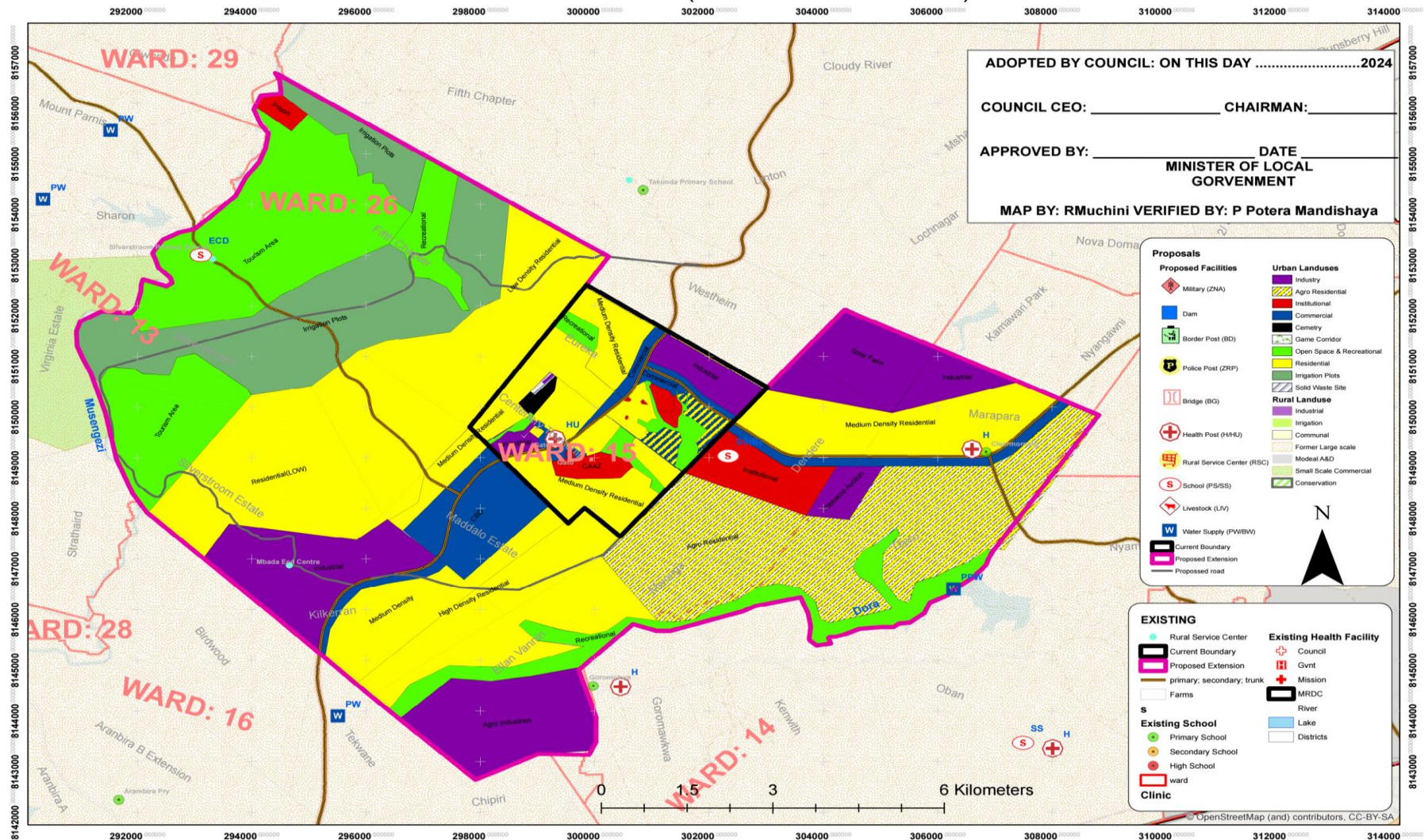


Figure 31 Centenary proposed landuses

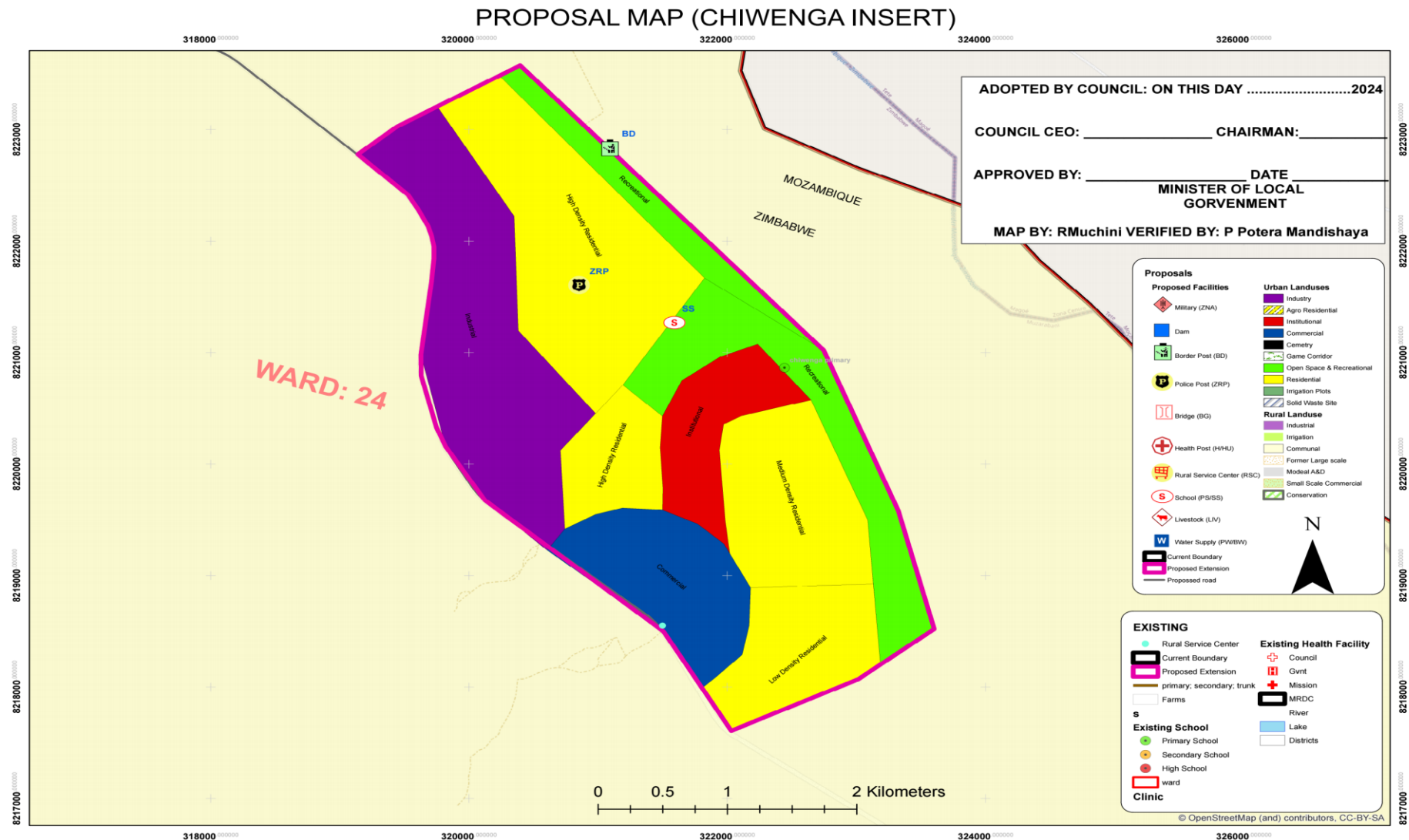


Figure 32 Chiwenga boarder post proposed landuses

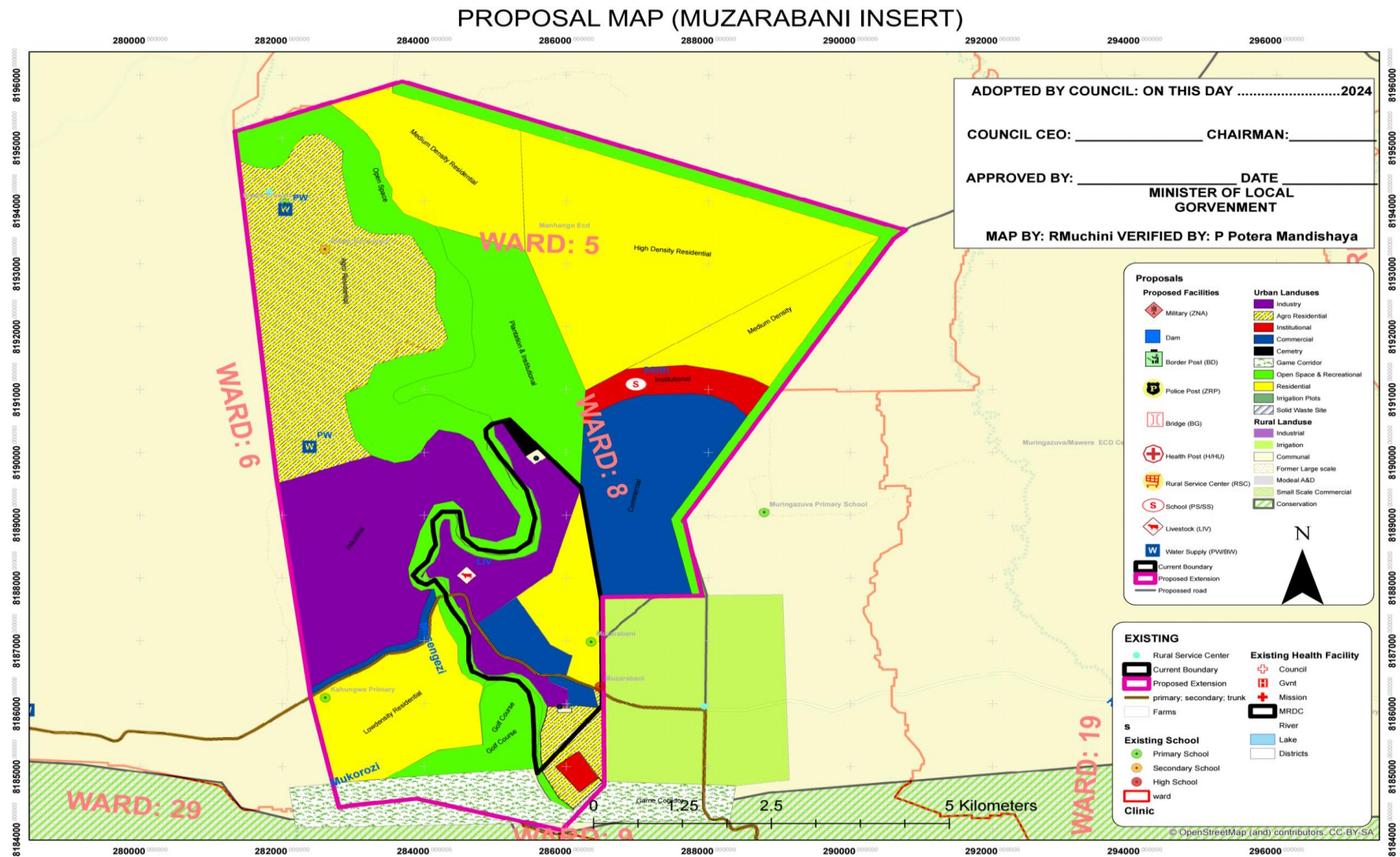


Figure 33 Muzarabani Growth proposed landuses

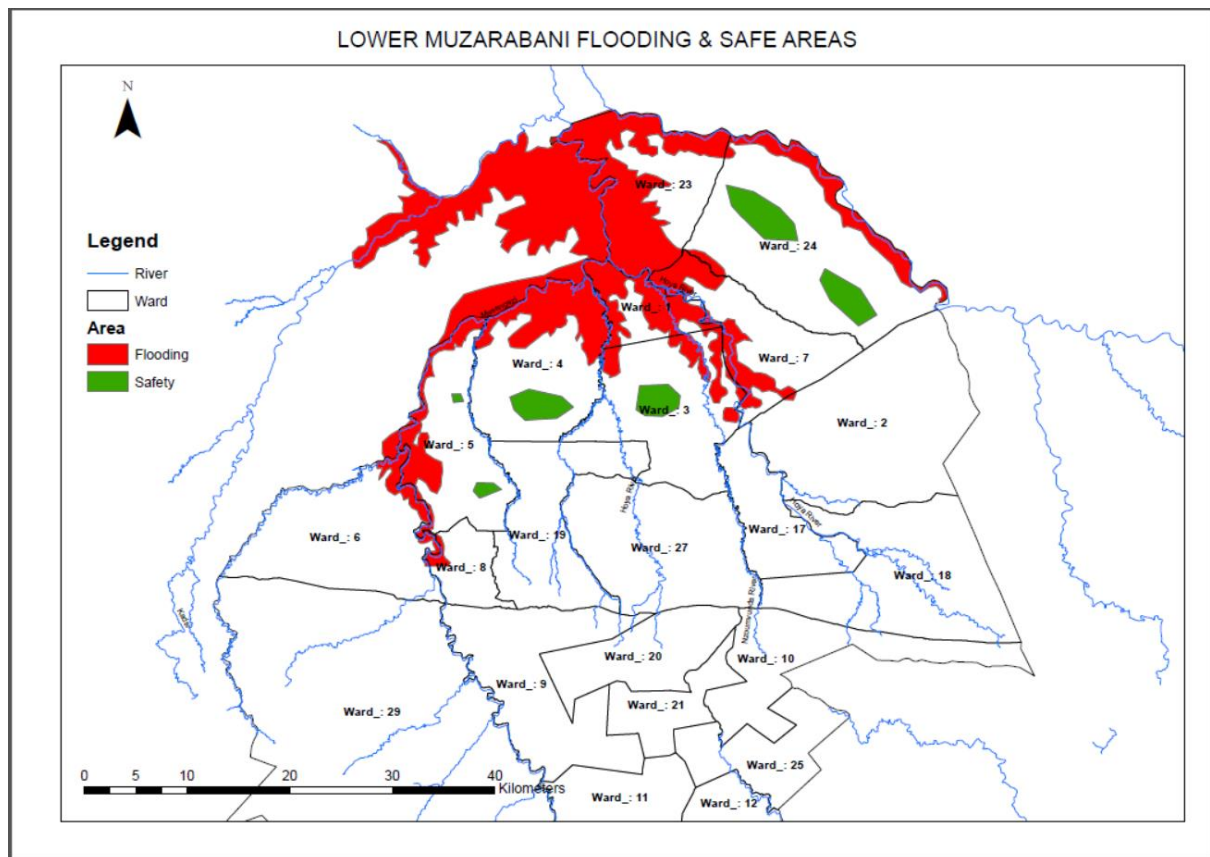


Figure 34: Flood prone wards and safe zones in green

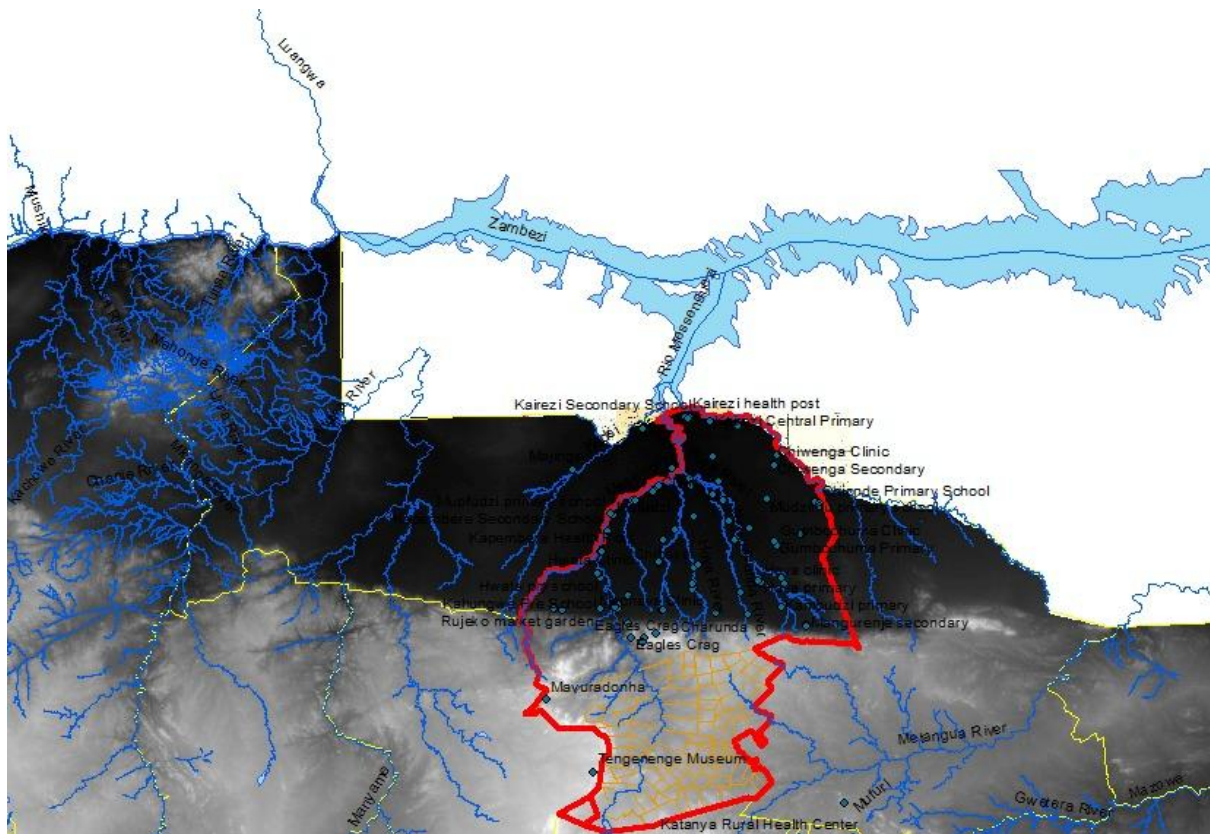


Figure 35: The District drainage in relation to Cabora Bassa Dam Mozambique

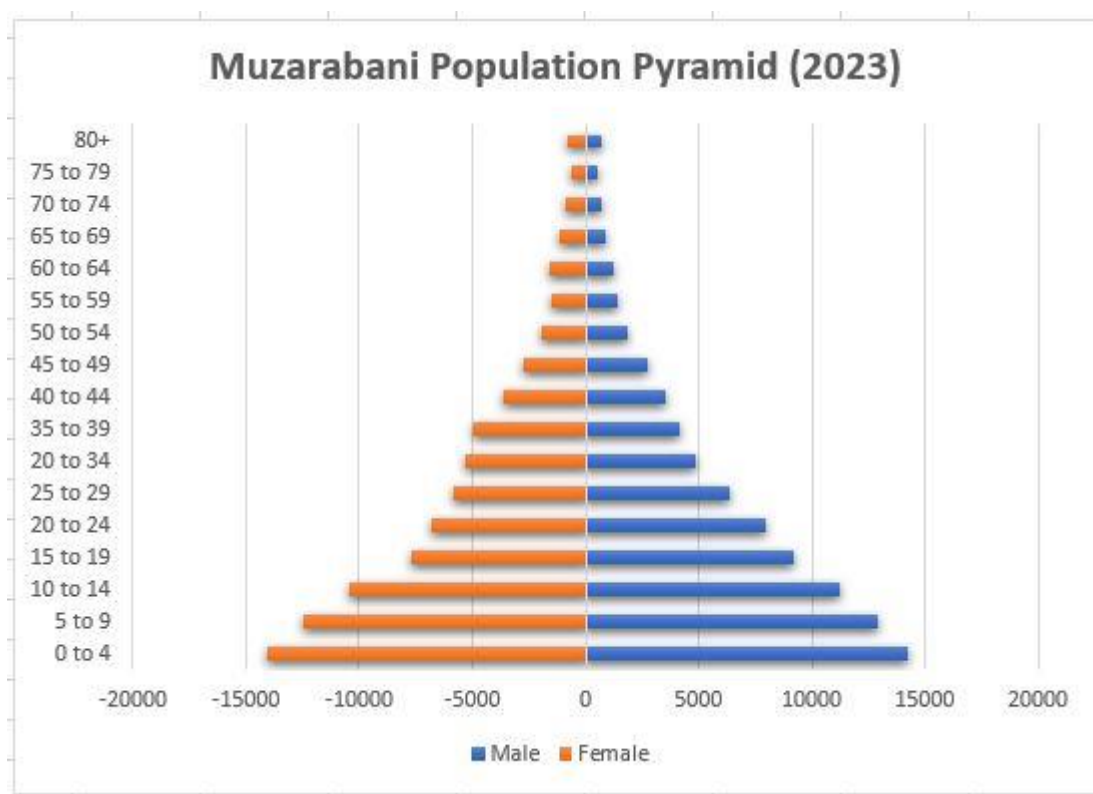


Figure 36: Muzarabani population pyramid projection

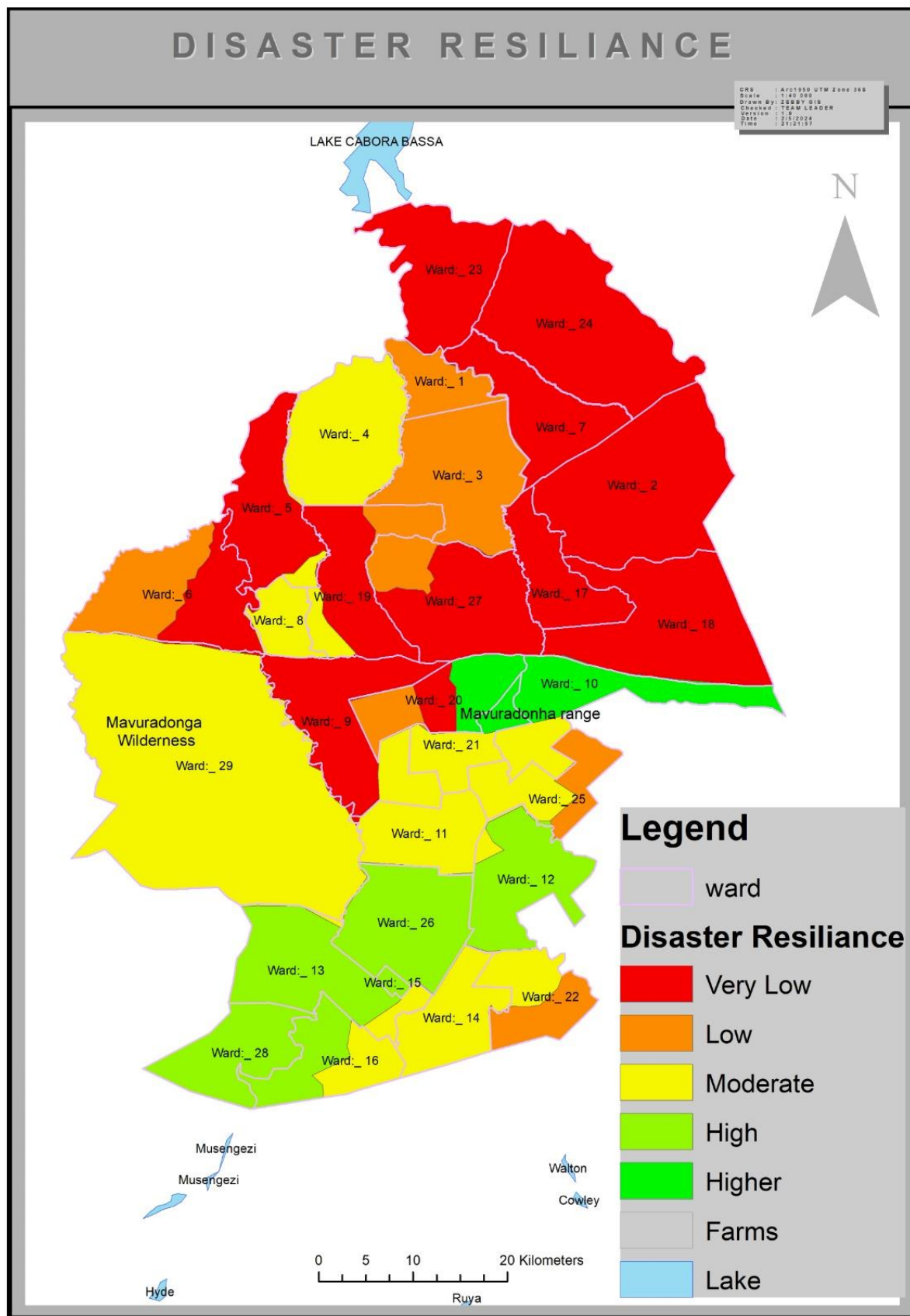


Figure 37: District vulnerability status according to wards

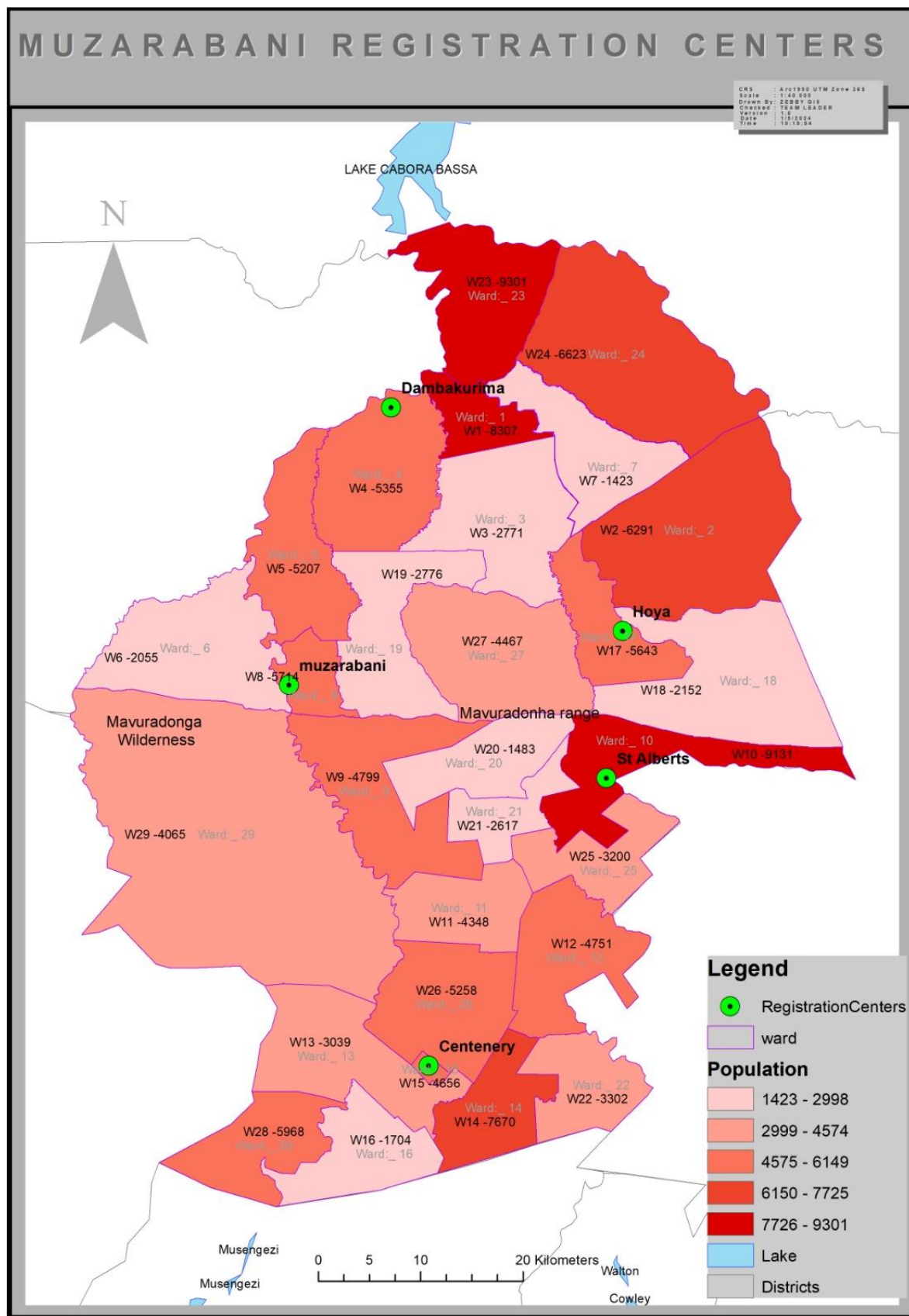


Figure 38: The Registrar Centers in the district, a Gender dimension aspect